MANUAL DE SERVIÇO

DVD VIDEO PLAYER

SD 6081

ESPECIFICAÇÕES TÉCNICAS

GERAIS

Alimentação ..... 100~240V AC, 50~60Hz
Consumo ..... 1,5W (stand by)/7W (médio) / 10W (máx.)
Dimensões aprox. (LxAxP) 360x43x253mm
Peso aprox. 1,5kg

SISTEMA

Laser ..... Laser a semicondutor, comprimento de onda 650/780nm
Sistema de sinal de cor ..... NTSC/PAL-M
Faixa de frequências de áudio ..... DVD (PCM 96kHz): 8Hz a 44kHz
DVD (PCM 48kHz): 8Hz a 22kHz
CD: 8Hz a 22kHz
Relação Sinal/Ruído ..... >100dB (Saídas analógicas)
Distorção harmônica ..... < 0,008%
Faixa dinâmica ..... >95dB (DVD)
>95dB (CD)
Wow e flutter ..... Abaixo de níveis mensuráveis (±0,001% (W de pico))

SAÍDAS

Saída de Vídeo composto ..... 1,0V (p-p), 75 ohm sincronismo negativo.
Saída S-Vídeo ..... (Y) 1,0V (p-p), 75 ohm sincronismo negativo,
(C) 0,286V (p-p), 75 ohm
1 tomada Mini DIN de 4 pinos
Component vídeo ..... (Y): 1Vpp, 75Ω, sincronismo negativo; (PR/PB): 0,7Vpp, 75Ω
Saída de Áudio (digital) ..... 0,5 V p-p),
(coaxial) ..... 75 ohm 1 tomada RCA
Saída de áudio (digital óptica) ..... 1 tomada óptica
Saída de Áudio (áudio analógico) ..... 2,0Vrms (1 khz, 0dB), 600 ohm,
2 tomadas RCA (L, R)

- **Projeto e especificações estão sujeitos a alterações sem aviso prévio.**
- **Aviso: a cópia não autorizada de materiais áudio visuais para uso doméstico pode infringir os direitos de terceiros.**

SEMP

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CUIDADO ! COMPONENTES SENSÍVEIS A DESCARGAS ELETROSTÁTICAS

Alguns semicondutores (estado sólido) podem ser facilmente danificados pela eletricidade estática. Tais componentes são comumente chamados de "componentes sensíveis eletrostaticamente" *(Electrostatically Sensitive Devices - ESD)*. Exemplos típicos de *ESD's* são os circuitos integrados, transistores de efeito de campo e *chips* semicondutores. As técnicas a seguir devem ser utilizadas para ajudar a reduzir a incidência de danos aos componentes causados por eletricidade estática.

1. Mantenha o componente em sua embalagem original até o momento de sua utilização. Se necessário armazená-lo de outro modo, acondicione-o exclusivamente em material anti-estático.
2. Prepare uma estação de trabalho anti-estática para manuseio da placa montada e/ou componente *ESD*:
   - 2.1. Disponha de uma manta dissipativa sobre a bancada/mesa de trabalho.
   - 2.2. Providencie uma pulseira para descarga de eletricidade estática disponível no comércio. Efetue diariamente a aferição da pulseira.
   - 2.3. Aterre ambos, manta e pulseira, a uma malha reconhecidamente aterrada.
   - 2.4. Disponha todo o material necessário ao trabalho sobre a manta; minimize os movimentos.

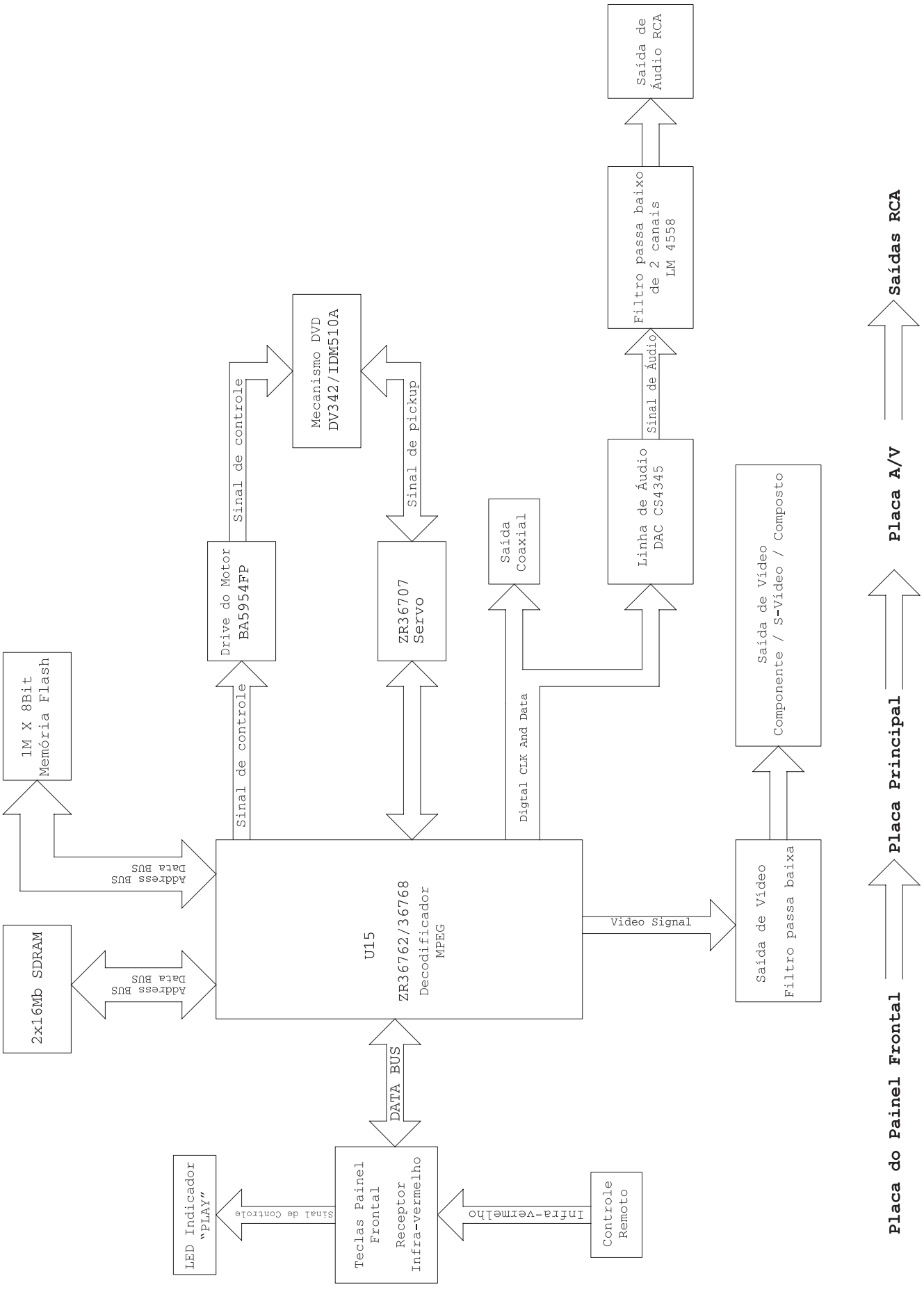
   No momento em que for manusear a placa/componente, coloque a pulseira.

IMPORTANTE !

Assegure-se de que não haja qualquer potencial que seja aplicado ao chassi ou circuito bem como retire a pulseira antes de energizar a unidade sob teste/reparo a fim de evitar riscos de choque elétrico.

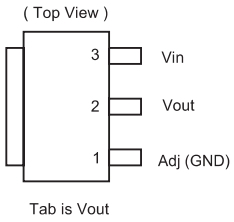
3. Use somente ferros-de-soldar com a ponta aterrada para soldar ou retirar componentes sensíveis à eletrostática.
4. Não utilize produtos químicos cujo propelente usado seja freon. Eles podem gerar cargas elétricas suficientes para danificar componentes *ESD*.

1- DIAGRAMA DE BLOCOS

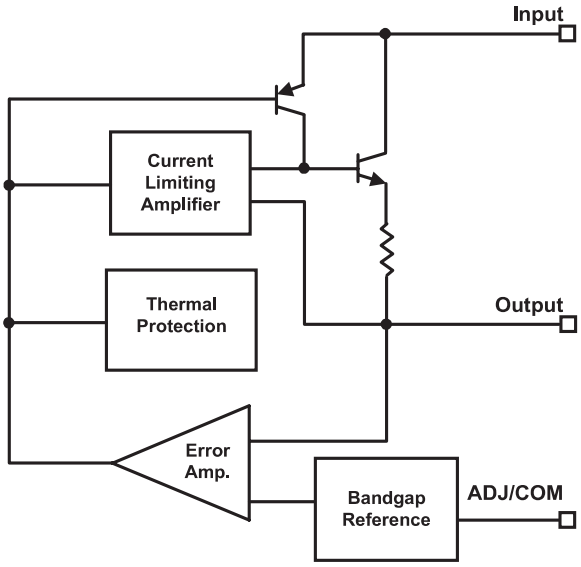


1.1- Diagrama de blocos dos circuitos integrados

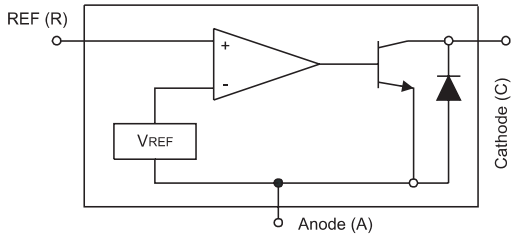
IC,AP1117EA



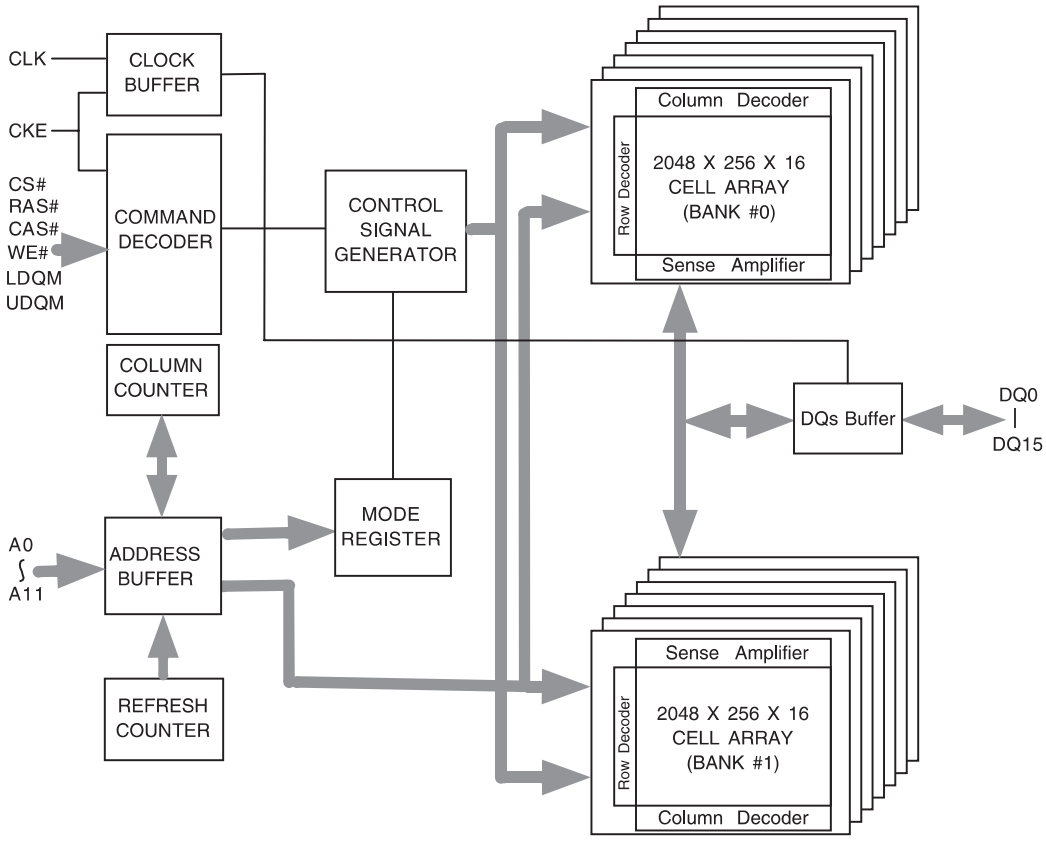
IC,AME1117



IC,AP431

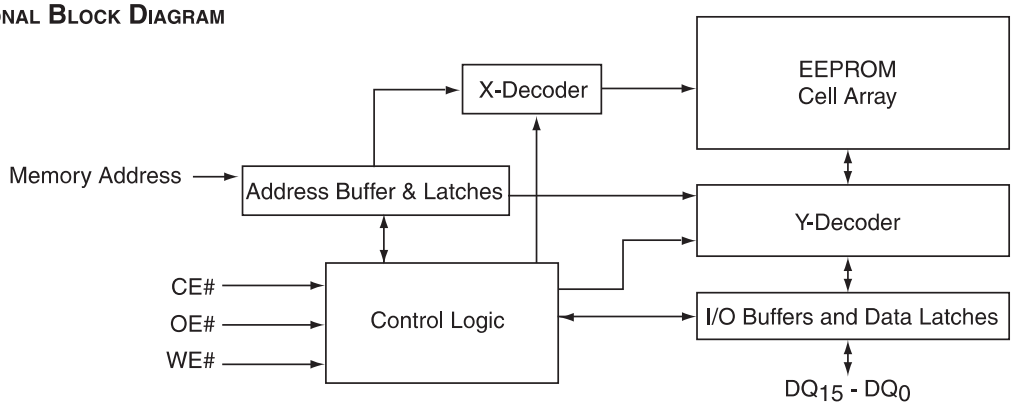


IC¡AEM636165TS

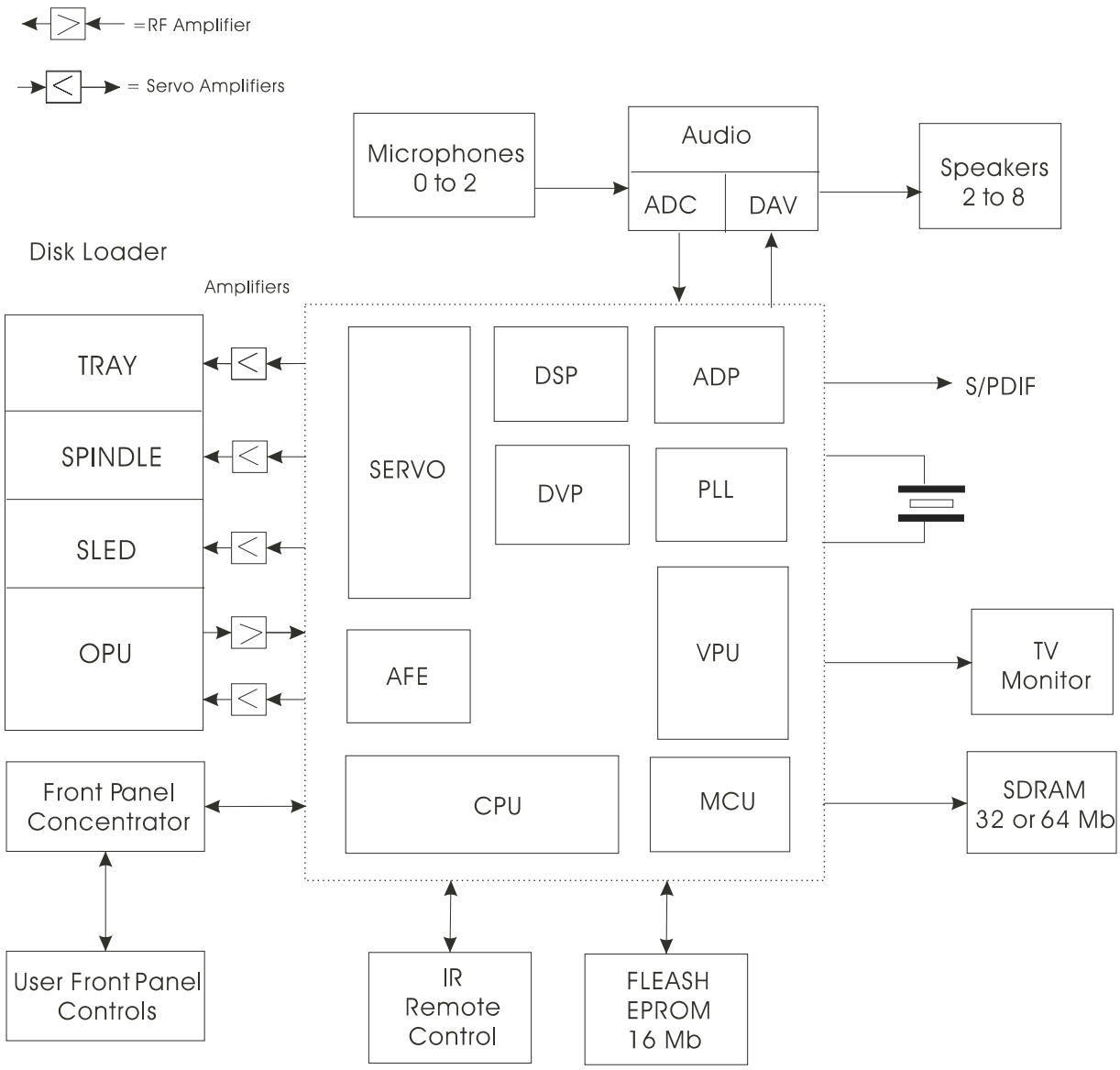


IC,SST39VF800

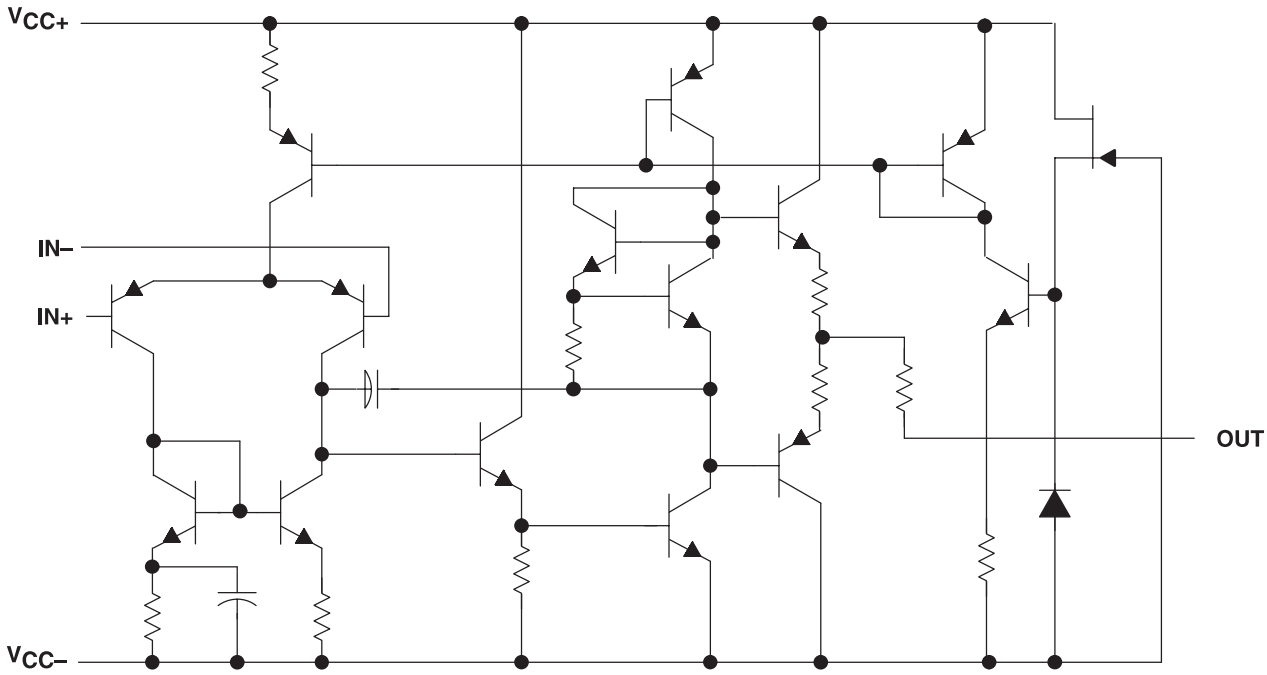
FUNCTIONAL BLOCK DIAGRAM



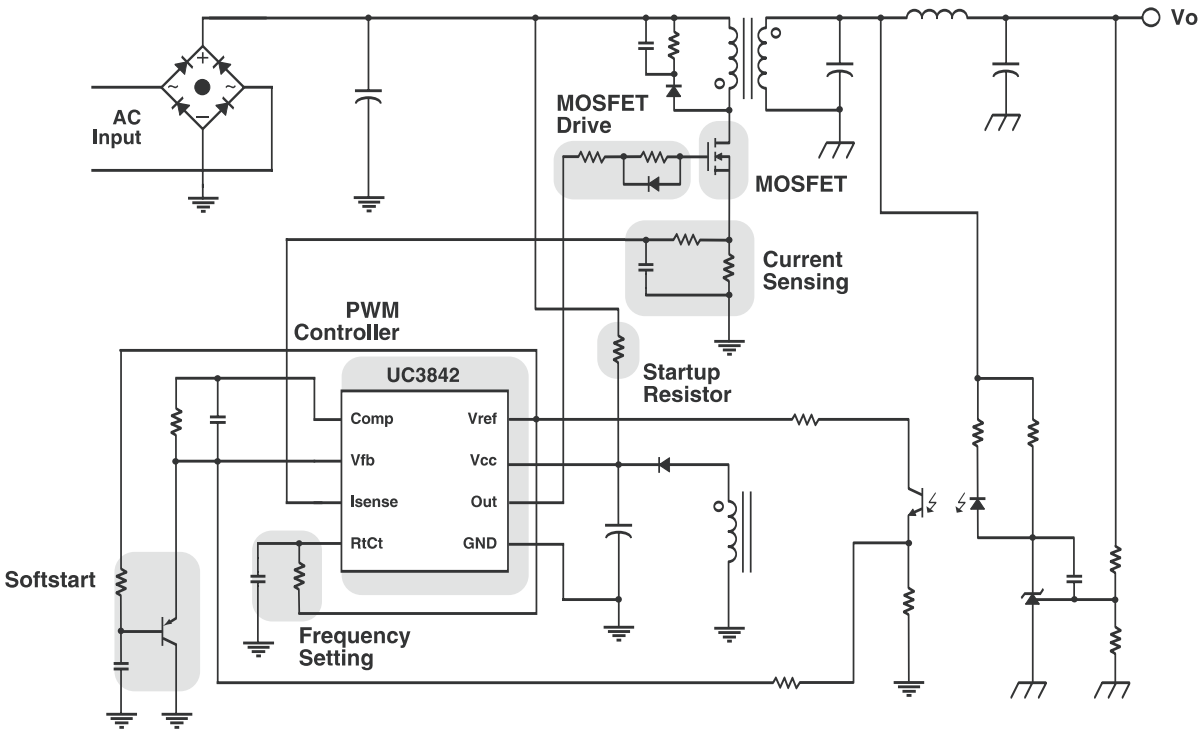
IC,ZR36768



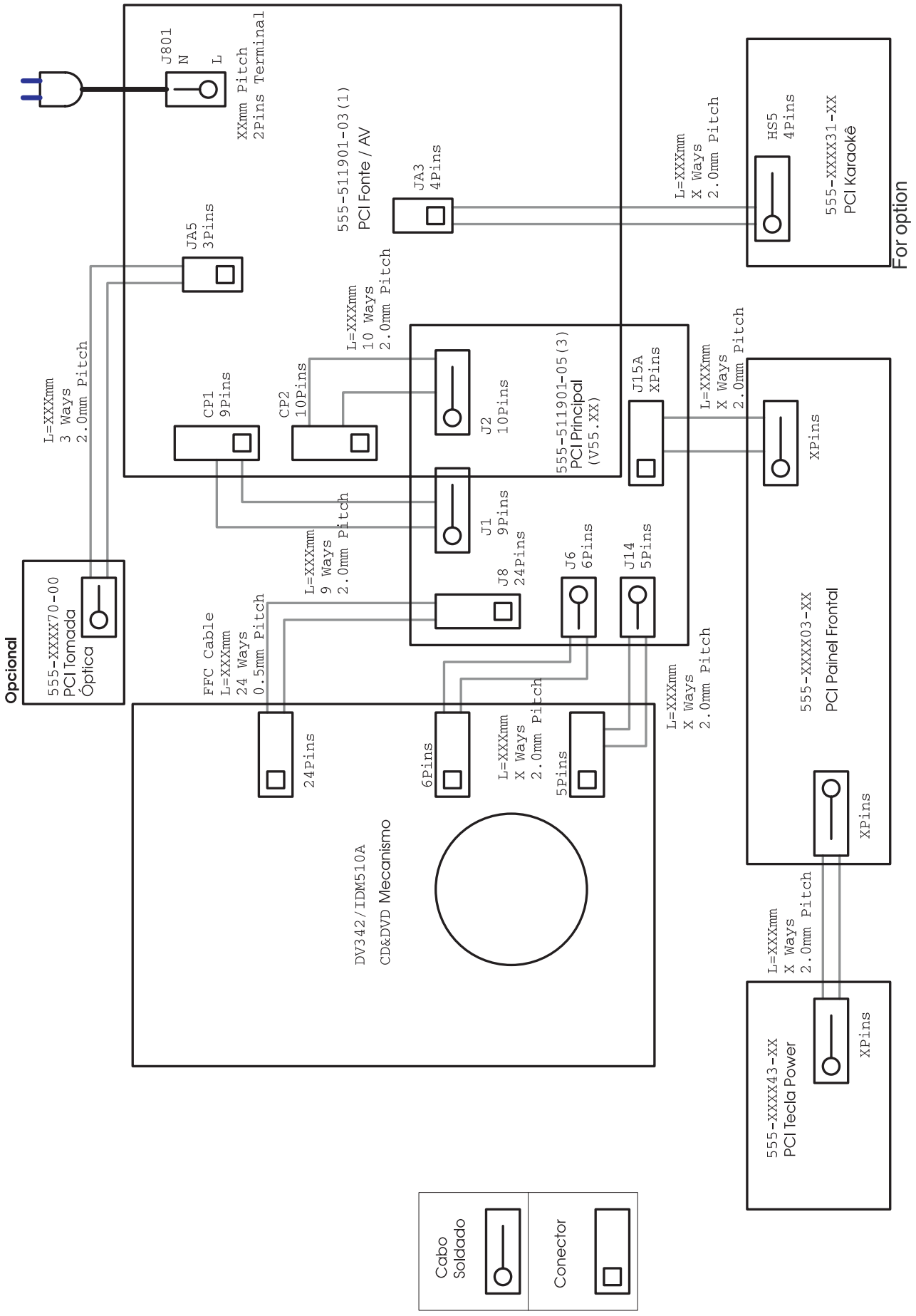
IC,RC4558D



IC,FSDL0165RN

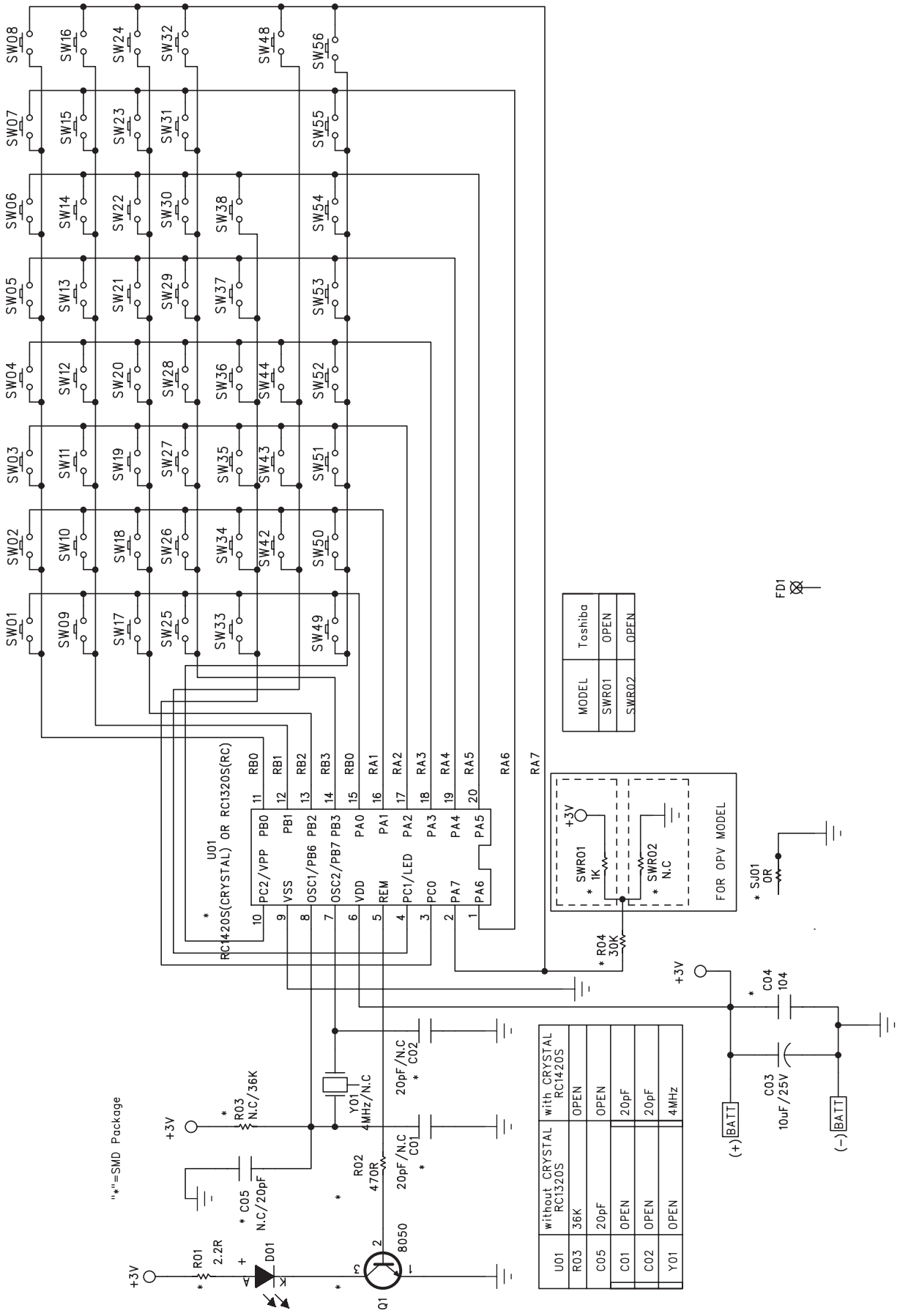


2- DIAGRAMA DE FIAÇÃO

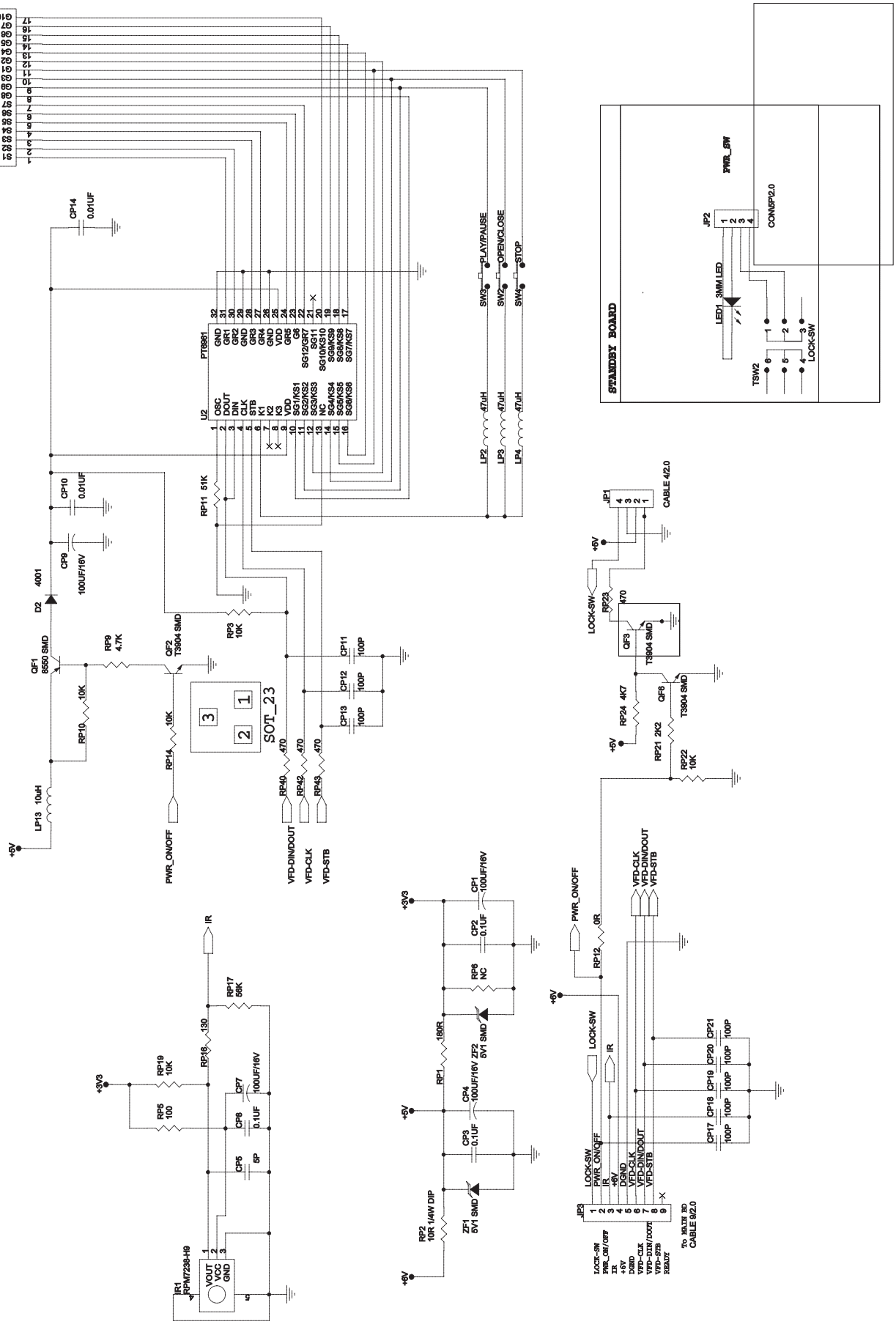


3- DIAGRAMAS DE CIRCUITOS

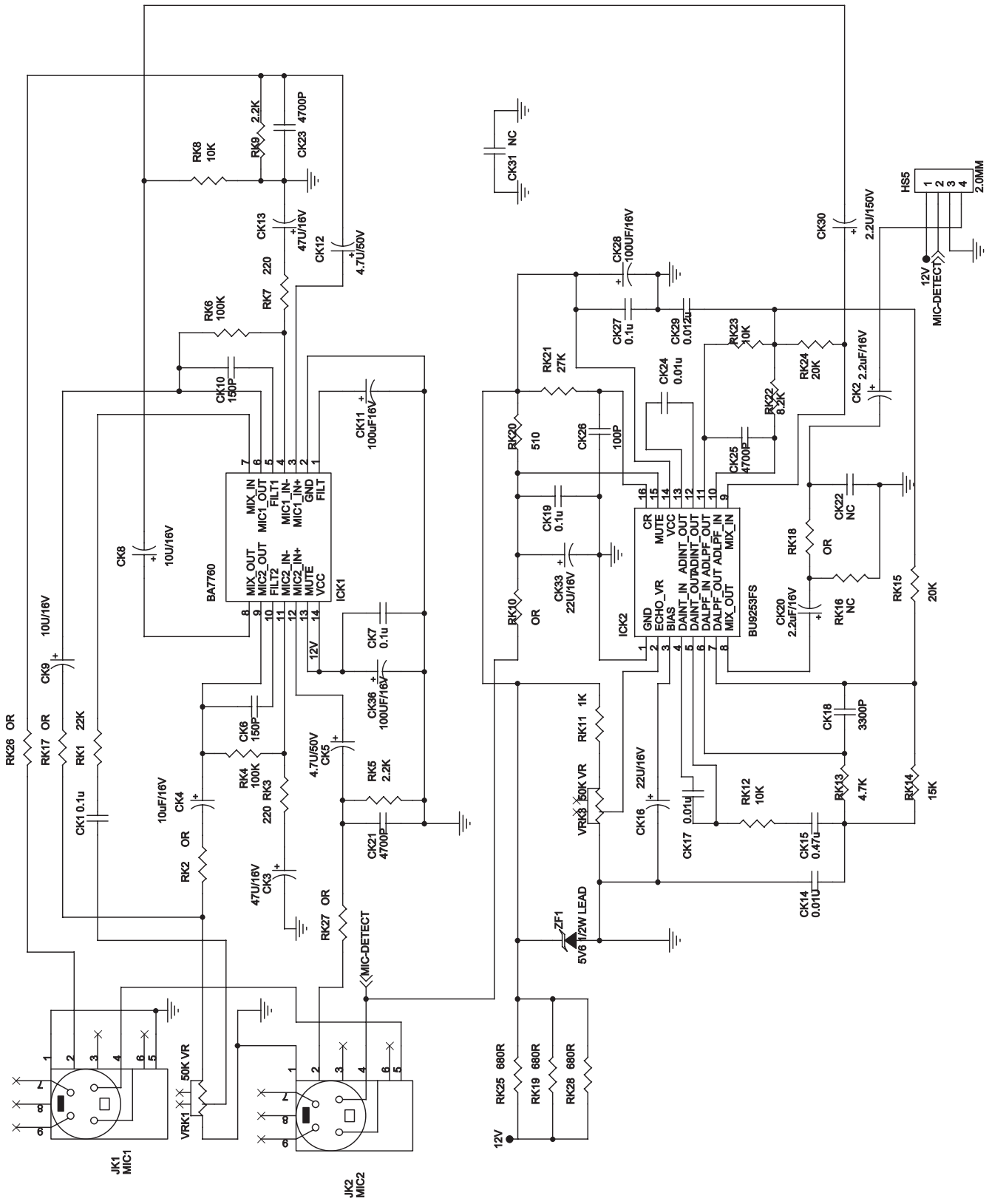
3.1- Diagrama de circuito do controle remoto



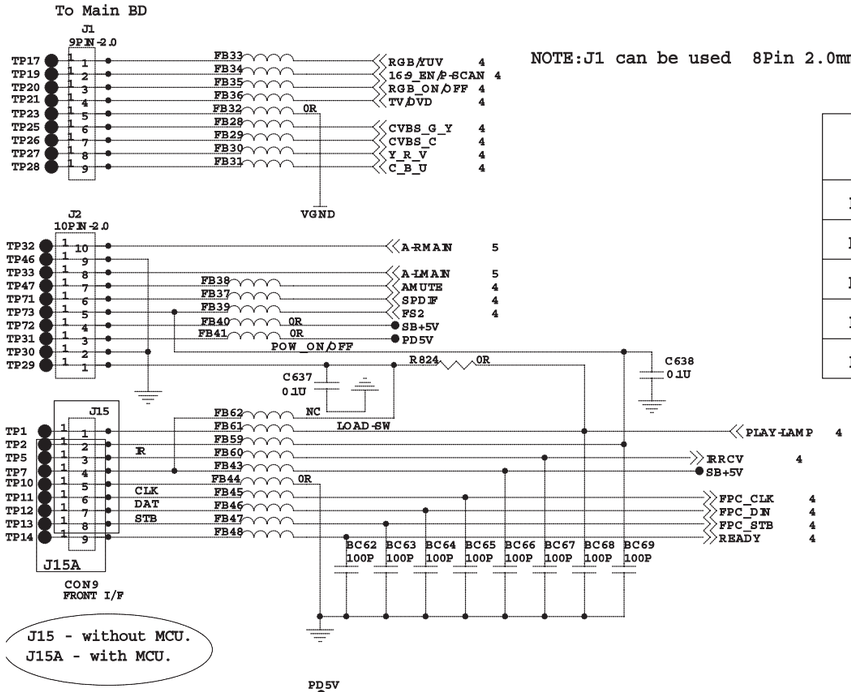
3.2- Diagrama de circuito da PCI Painel Frontal



3.3- Diagrama de circuito da PCI Karaokê

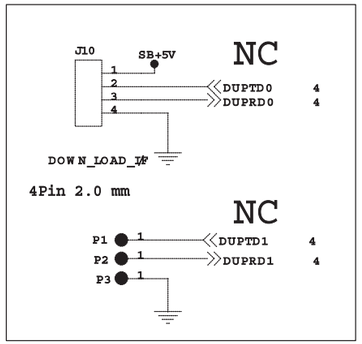


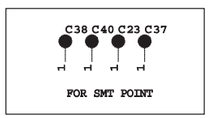
3.4- Diagrama de circuito da PCI Principal (1/4)



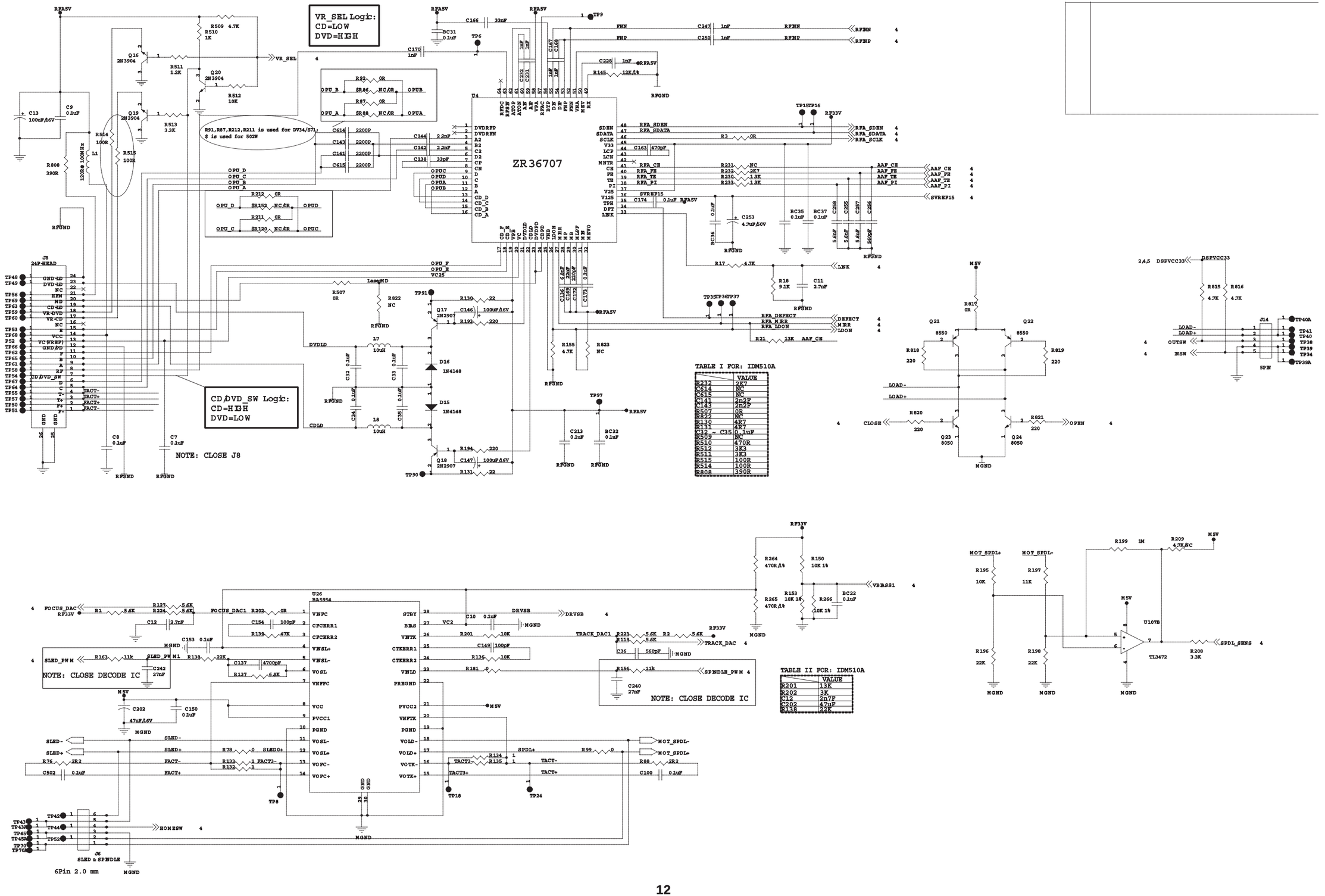
NOTE:J1 can be used 8Pin 2.0mm Socket,RGB/YUV is not used.

	Without NEC uP Without Display	With NEC uP Without Display	NOTE
FB62	NC	OR	120R@100MHz 0603
R824	OR	NC	
R825	NC	OR	DECODER PAGE
FB39	OR	NC	120R@100MHz 0603
FB43	OR	NC	120R@100MHz 0603





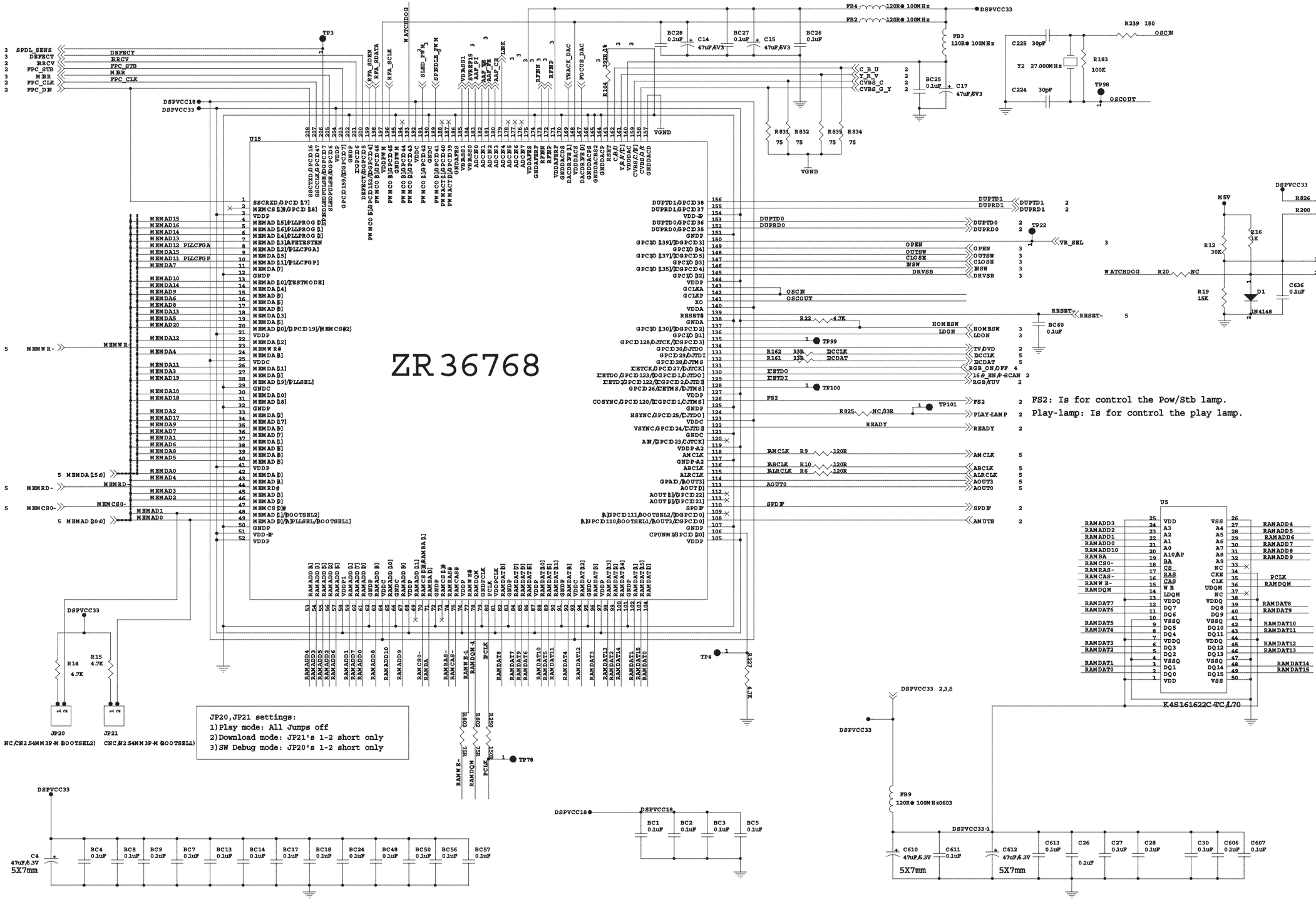
3.4- Diagrama de circuito da PCI Principal (2/4)



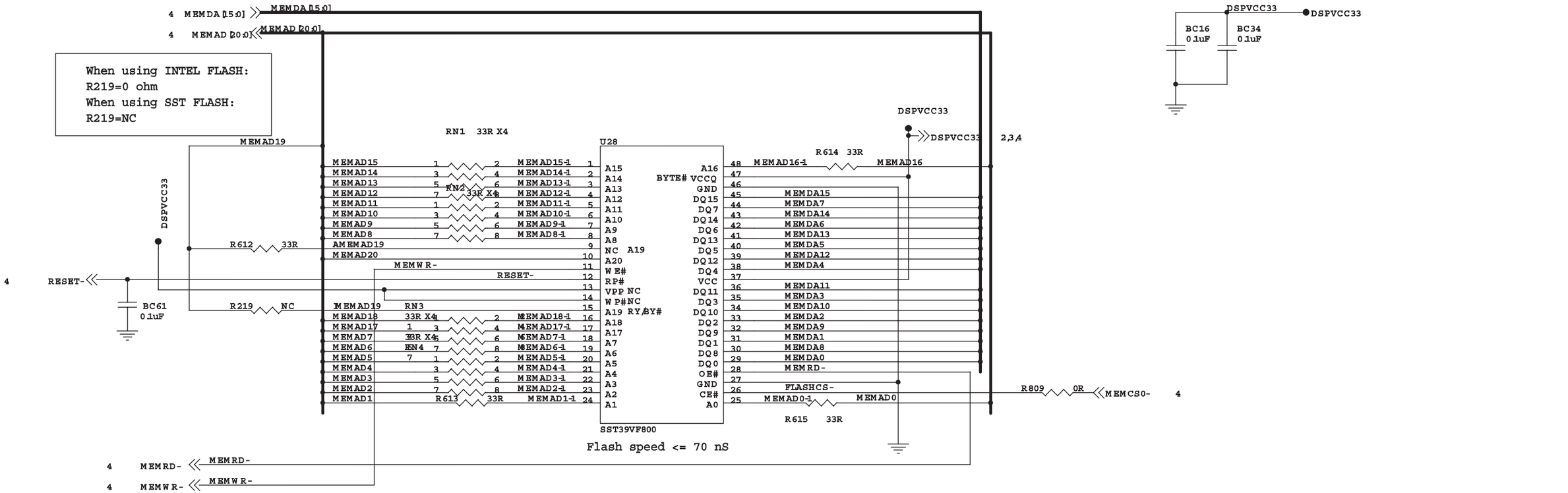
	VALUE
R232	2K7
C614	NC
C615	NC
C141	2n2F
C142	2n2F
R507	0R
R822	NC
R130	22
R193	220
R155	4.7K
R823	NC
C213	0.1uF
C32 - C35	0.1uF
R509	NC
R510	470R
R512	3K3
R511	3K3
R515	100R
R514	100R
R808	390R

	VALUE
R201	13K
R202	3K
C12	2n7F
C202	47uF
R138	22K

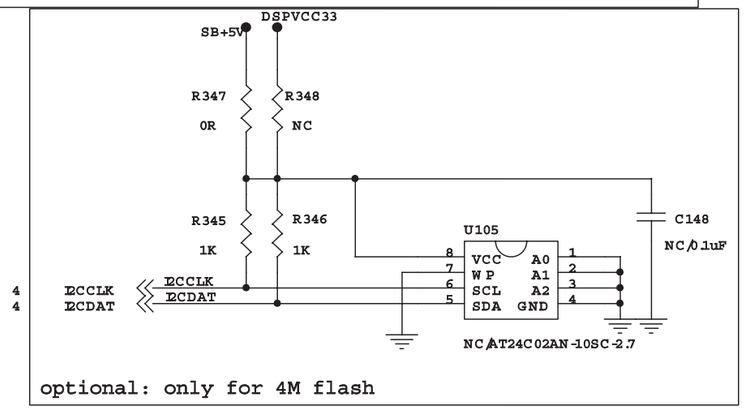
3.4- Diagrama de circuito da PCI Principal (3/4)

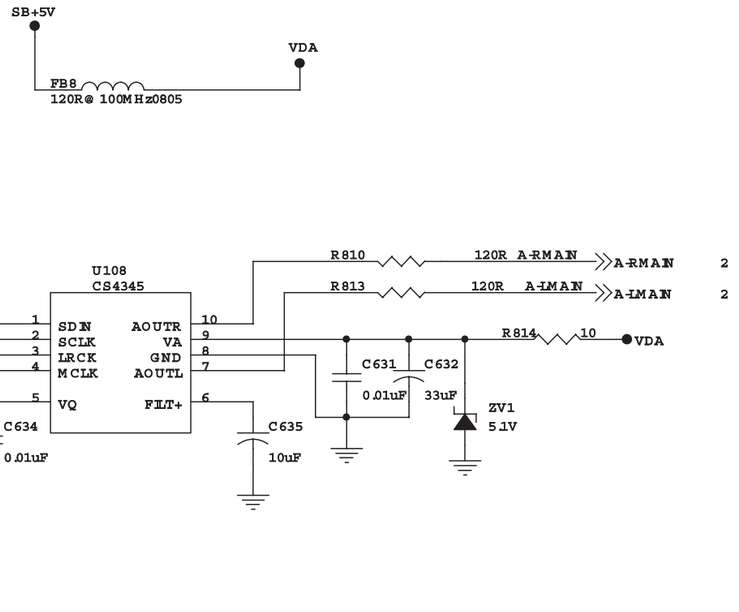


3.4- Diagrama de circuito da PCI Principal (4/4)

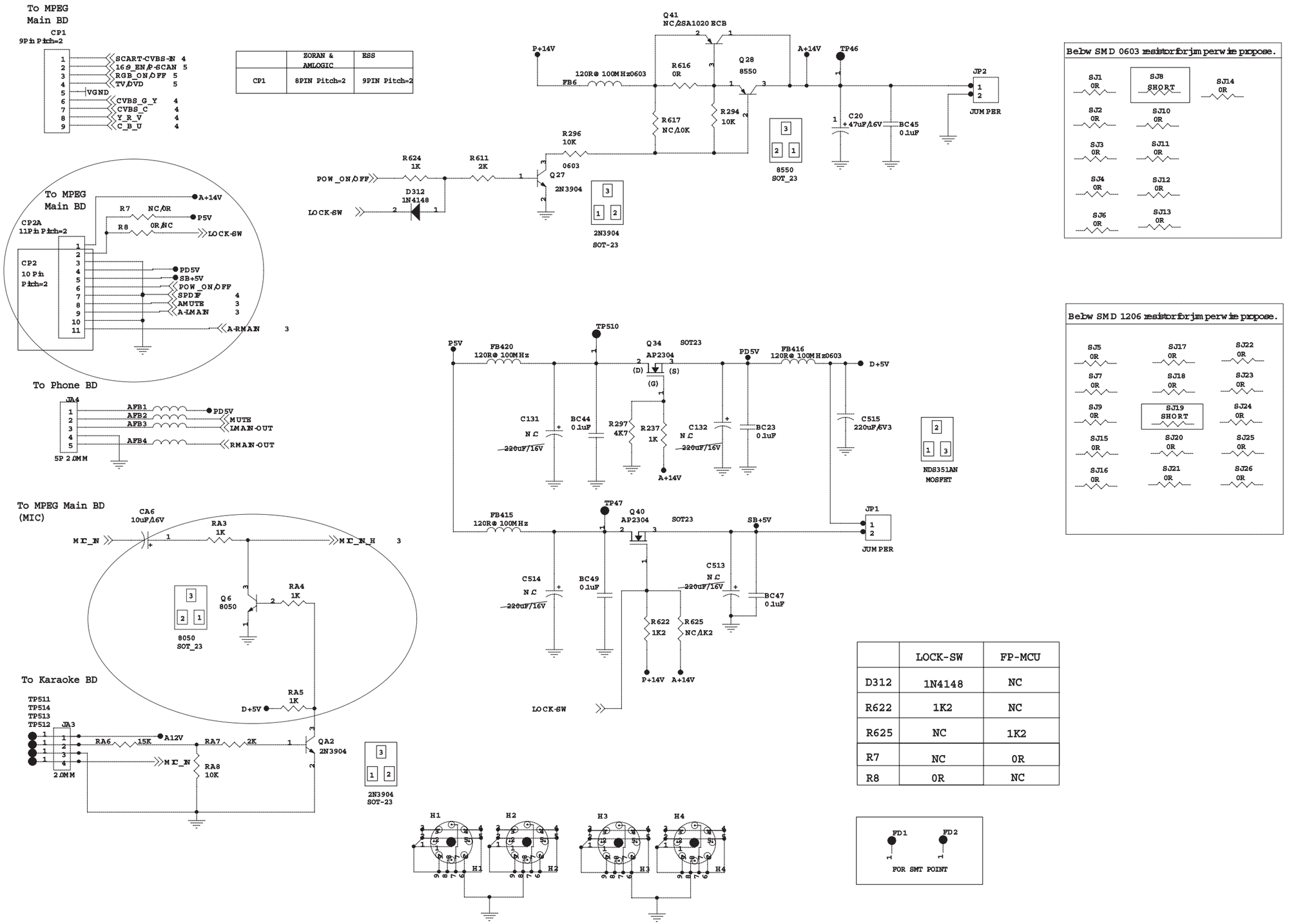


FLASH: to be changed --> AMIC

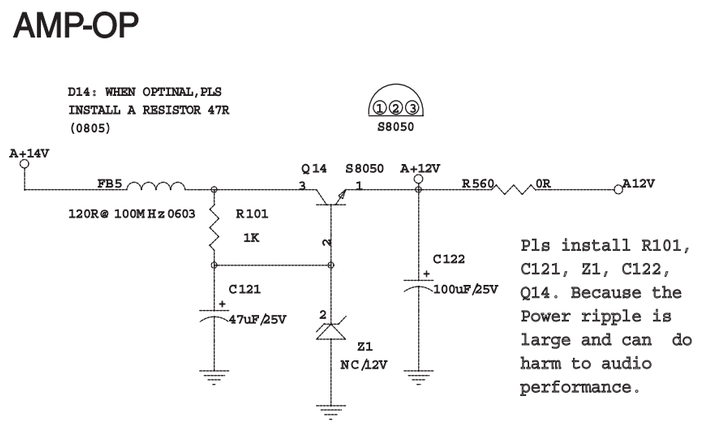


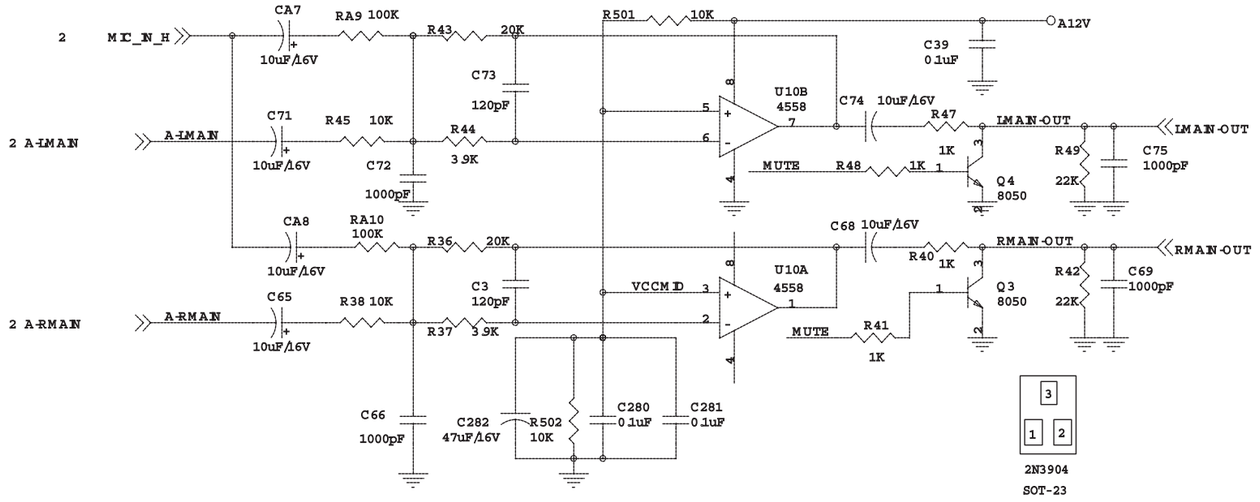


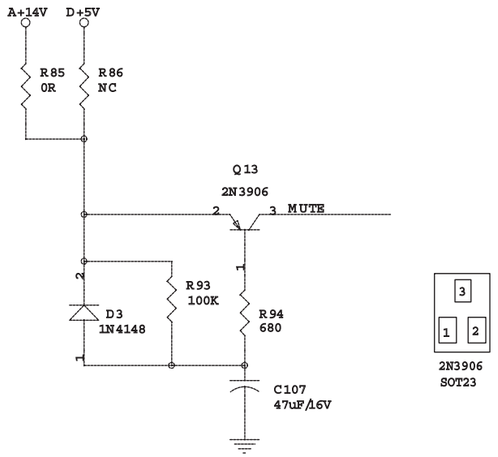
3.5- Diagrama de circuito da PCI Fonte/AV (1/5)

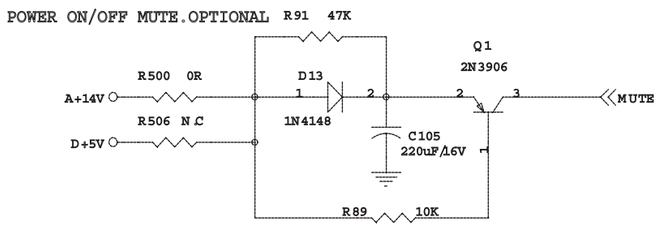


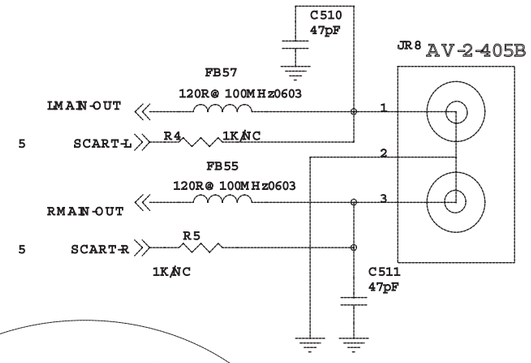
3.5- Diagrama de circuito da PCI Fonte/AV (2/5)

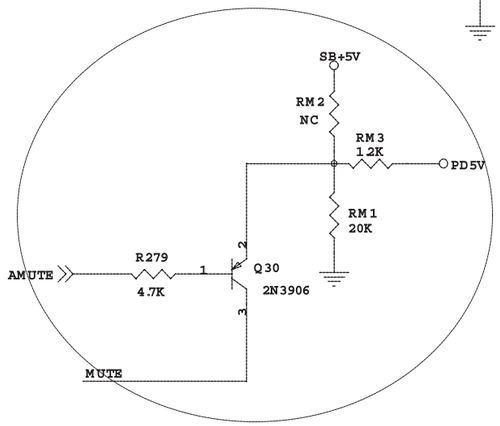




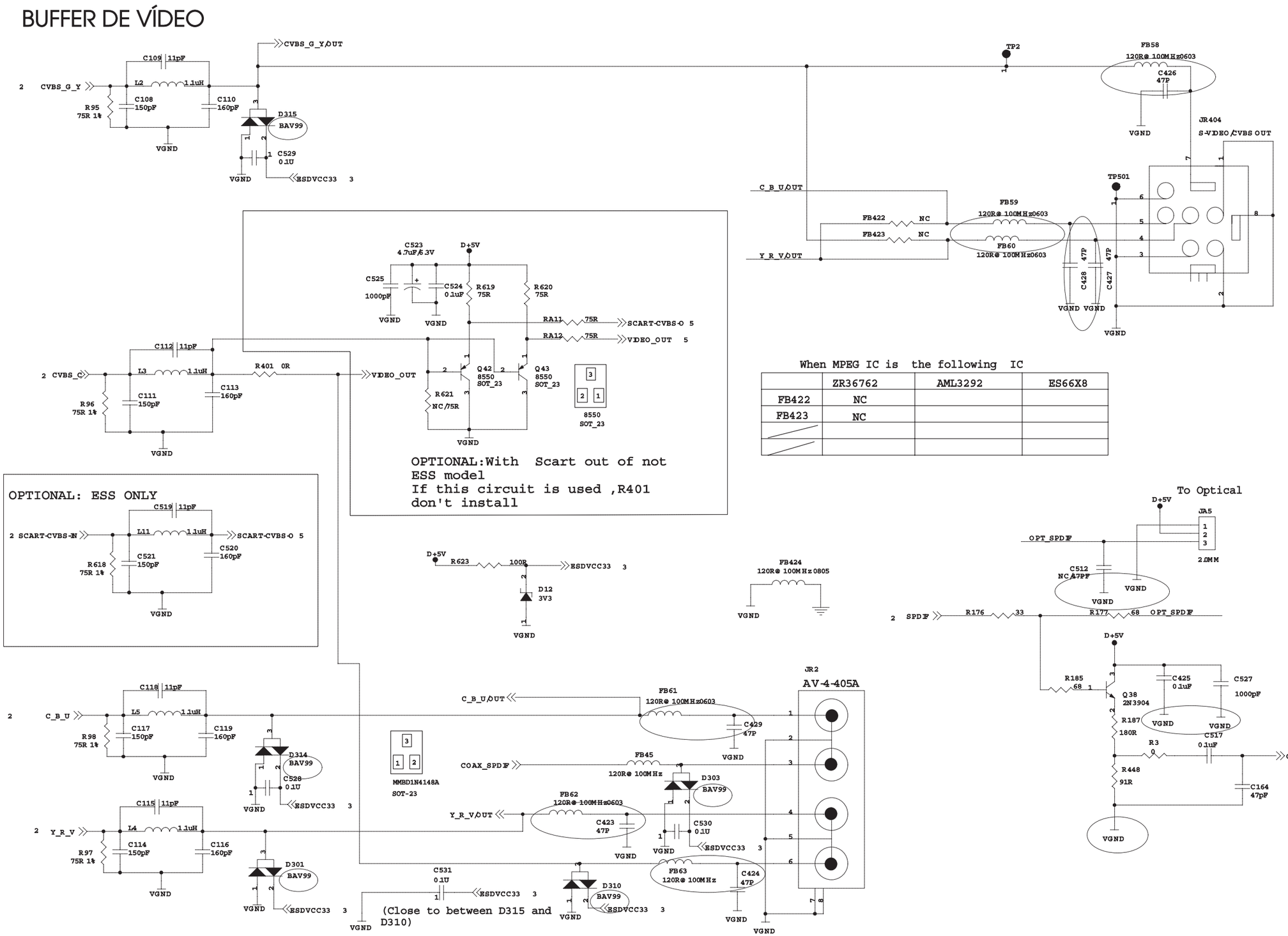






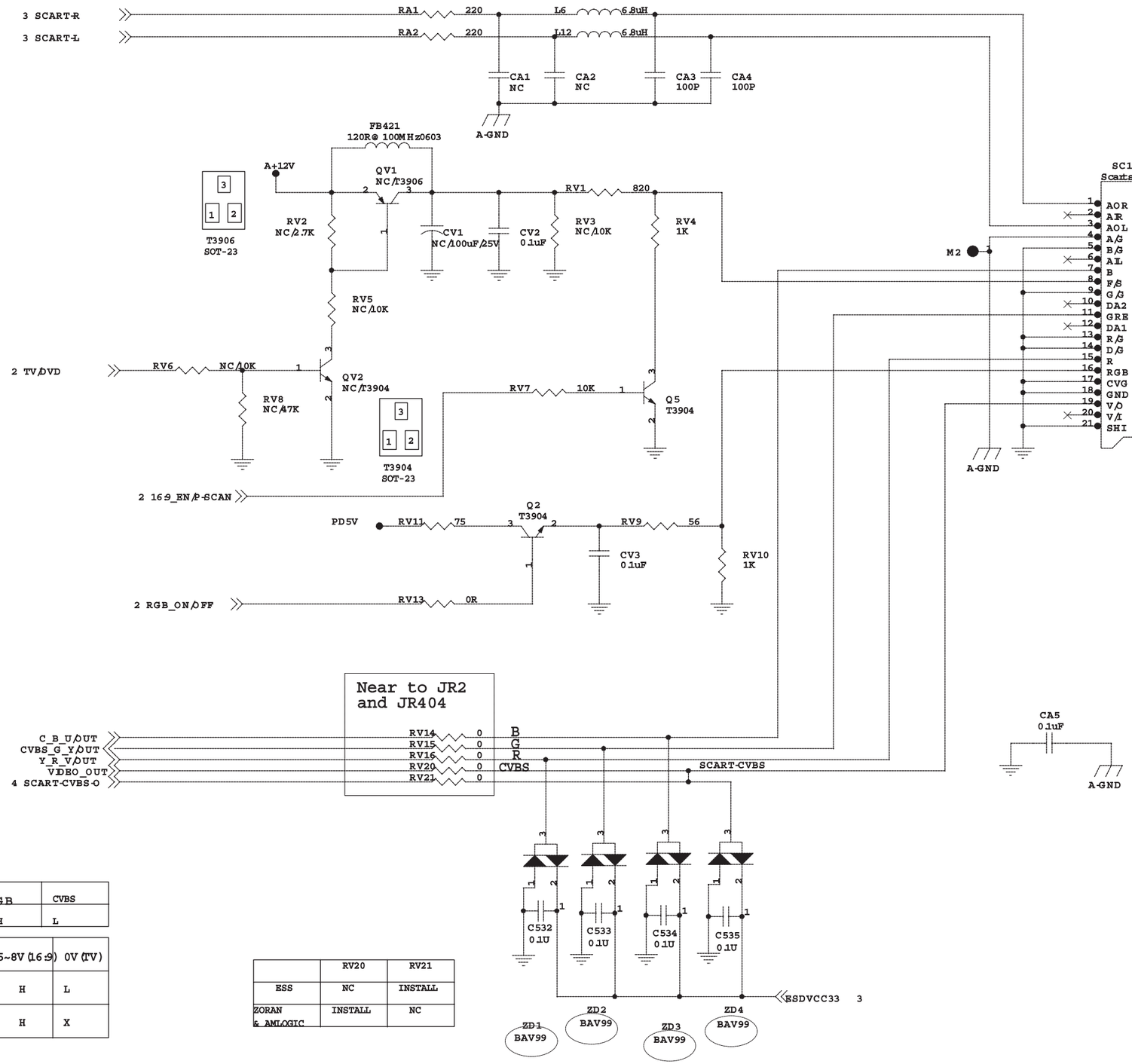


3.5- Diagrama de circuito da PCI Fonte/AV (3/5)



3.5- Diagrama de circuito da PCI Fonte/AV (4/5)

SAÍDA SCART



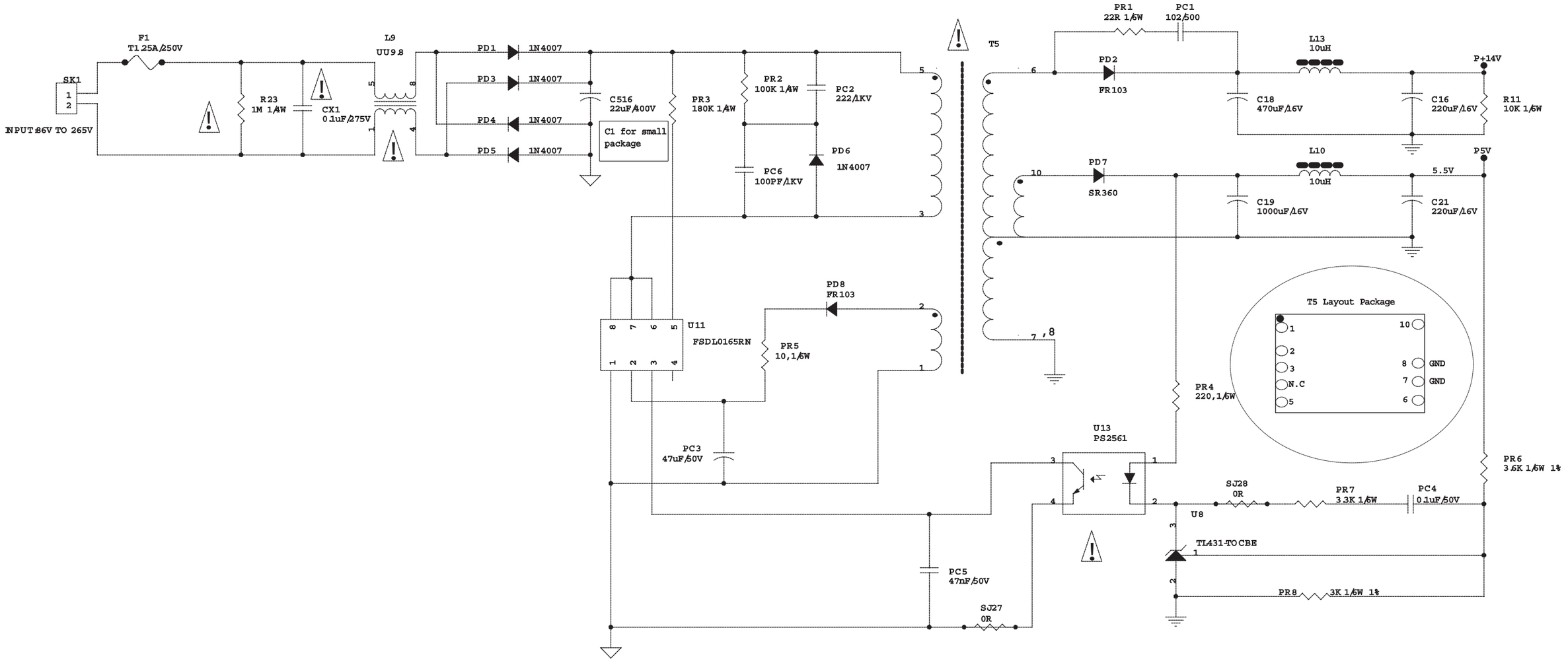
	RGB	CVBS
RGB_ON/OFF(131)	H	L

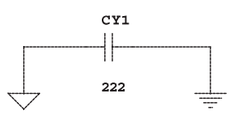
mode / pin	8~12V (4:3)	5~8V (16:9)	0V (TV)
TV/DVD (134)	H	H	L
16:9_EN/P-SCAN (130)	L	H	X

	RV20	RV21
ESS	NC	INSTALL
ZORAN & AMLOGIC	INSTALL	NC

3.5- Diagrama de circuito da PCI Fonte/AV (5/5)

FONTE





4- NÍVEIS DE TENSÃO

Placa principal

U4(ZR36707)

PIN NO.	DVD PB
1	0.30
2	2.44
3	2.45
4	2.45
5	2.45
6	2.45
7	3.60
8	3.59
9	2.56
10	2.55
11	0.59
12	2.53
13	0.52
14	2.55
15	2.53
16	2.53
17	2.47
18	2.47
19	1.31
20	2.46
21	3.52
22	4.93
23	0.18
24	0.18
25	1.71
26	2.70
27	0.00
28	3.30
29	1.45
30	2.09
31	2.53
32	0.63
33	0.00
34	0.00
35	3.60
36	3.56
37	1.69
38	3.28
39	1.89
40	1.73
41	1.69
42	0.77
43	4.00
44	3.97
45	3.28
46	3.28
47	0.00
48	0.00
49	1.46
50	0.00
51	0.00
52	2.37
53	2.38
54	3.36
55	3.36
56	2.57
57	2.23
58	4.95
59	4.16
60	4.16
61	2.92
62	2.92

U15(ZR367626x)

PIN NO.	DVD PB	PIN NO.	DVD PB	PIN NO.	DVD PB	PIN NO.	DVD PB
1	4.57	63	0.00	125	0.00	187	0.00
2	3.28	64	0.33	126	2.52	188	0.00
3	3.28	65	2.00	127	3.28	189	2.72
4	0.00	66	0.00	128	3.27	190	0.00
5	0.00	67	0.28	129	0.00	191	1.68
6	3.28	68	3.28	130	0.00	192	1.79
7	0.00	69	0.00	131	0.00	193	0.15
8	0.00	70	3.00	132	0.19	194	0.00
9	1.64	71	0.65	133	3.34	195	0.00
10	3.28	72	0.00	134	0.00	196	3.27
11	1.64	73	3.07	135	0.00	197	3.27
12	0.00	74	3.23	136	3.25	198	0.00
13	0.00	75	3.26	137	3.28	199	0.00
14	1.64	76	3.28	138	0.00	200	0.00
15	3.28	77	3.26	139	4.14	201	4.34
16	1.64	78	0.00	140	1.80	202	0.00
17	0.00	79	0.00	141	1.58	203	3.97
18	1.65	80	1.67	142	1.58	204	3.28
19	1.65	81	3.28	143	1.65	205	0.00
20	0.00	82	1.90	144	3.28	206	0.00
21	3.28	83	0.00	145	3.28	207	4.05
22	0.00	84	1.34	146	0.00	208	4.57
23	2.24	85	1.51	147	0.00		
24	3.28	86	1.20	148	3.27		
25	1.79	87	3.28	149	0.00		
26	0.00	88	1.87	150	3.20		
27	0.00	89	1.35	151	0.00		
28	3.28	90	1.20	152	0.00		
29	0.00	91	0.00	153	3.28		
30	0.00	92	1.95	154	3.28		
31	3.28	93	1.79	155	3.28		
32	0.00	94	0.00	156	3.28		
33	0.00	95	0.00	157	0.00		
34	3.28	96	1.78	158	0.00		
35	0.00	97	3.28	159	0.00		
36	0.00	98	0.92	160	3.27		
37	0.00	99	1.67	161	1.36		
38	3.28	100	1.34	162	1.27		
39	3.26	101	0.00	163	1.25		
40	0.00	102	1.28	164	0.00		
41	3.28	103	0.53	165	0.00		
42	3.24	104	1.43	166	0.00		
43	0.00	105	3.28	167	0.00		
44	2.24	106	0.00	168	3.28		
45	0.00	107	0.00	169	0.78		
46	3.28	108	3.28	170	0.00		
47	3.28	109	0.00	171	3.28		
48	3.28	110	1.64	172	1.21		
49	3.28	111	0.00	173	1.21		
50	0.00	112	0.00	174	0.00		
51	3.28	113	0.00	175	3.28		
52	3.28	114	0.00	176	0.32		
53	0.07	115	1.64	177	1.74		
54	0.52	116	1.64	178	1.18		
55	0.48	117	0.00	179	0.00		
56	0.48	118	1.64	180	0.00		
57	0.52	119	3.28	181	1.65		
58	3.28	120	0.00	182	1.75		
59	0.38	121	0.00	183	1.87		
60	0.76	122	3.29	184	1.69		
61	0.45	123	1.80	185	1.10		
62	0.43	124	3.25	186	0.00		

U4(ZR36707)

PIN NO.	DVD PB
63	3.36
64	1.92

U5(HY57V161610DTC)

PIN NO.	DVD PB
1	3.27
2	1.20
3	1.20
4	0.00
5	2.00
6	2.00
7	3.27
8	2.20
9	1.70
10	0.00
11	1.53
12	1.37
13	3.28
14	0.00
15	3.26
16	3.26
17	3.24
18	3.25
19	0.65
20	1.97
21	0.43
22	0.43
23	0.37
24	0.43
25	3.27
26	0.00
27	0.80
28	0.50
29	0.75
30	0.86
31	0.35
32	0.26
33	0.00
34	3.28
35	1.64
36	0.00
37	0.00
38	3.28
39	1.62
40	1.67
41	0.00
42	1.86
43	1.28
44	3.28
45	1.86
46	1.28
47	0.00
48	2.00
49	1.40
50	0.00

FLASH,U28(MX29LV800)

PIN NO.	DVD PB
1	0.681
2	1.59
3	1.567
4	2.259
5	2.062
6	2.156
7	1.346
8	2.675
9	0.031
10	0.001
11	3.278
12	4.478
13	0.021
14	0.021
15	0.063
16	0.029
17	0.059
18	2.487
19	1.634
20	1.869
21	2.279
22	2.071
23	2.193
24	3.031
25	3.032
26	2.974
27	0.001
28	2.974
29	1.92
30	2.979
31	1.982
32	2.025
33	1.868
34	2.86
35	2.868
36	3.281
37	2.861
38	2.869
39	2.905
40	2.87
41	0.001
42	2.866
43	0.001
44	2.907
45	0.001
46	0.736
47	3.281
48	0.358

U26(BA5954)

PIN NO.	DVD PB
1	1.60
2	2.40
3	2.40
4	1.60
5	1.60
6	1.60
7	2.30
8	4.94
9	4.94
10	0.00
11	0.00
12	2.36
13	0.00
14	2.60
15	2.47
16	2.54
17	3.70
18	1.10
19	0.00
20	2.62
21	4.93
22	0.00
23	2.20
24	2.56
25	2.48
26	1.62
27	1.61
28	3.27

U106(AME1117EA)

PIN NO.	DVD PB
1	0
2	3.28
3	5.271

U16(AP1117)

PIN NO.	DVD PB
1	0.581
2	1.827
3	4.913

U108(CS4345)

PIN NO.	DVD PB
1	1.015
2	1.643
3	1.646
4	1.646
5	2.483
6	4.886
7	2.77
8	0
9	5.001
10	2.475

AV BOARD

U11(FSDL0165)

PIN NO.	DVD PB
1	0
2	15.21
3	0.89
4	3.66
5	274.1
6	288.6
7	288.6
8	289.6

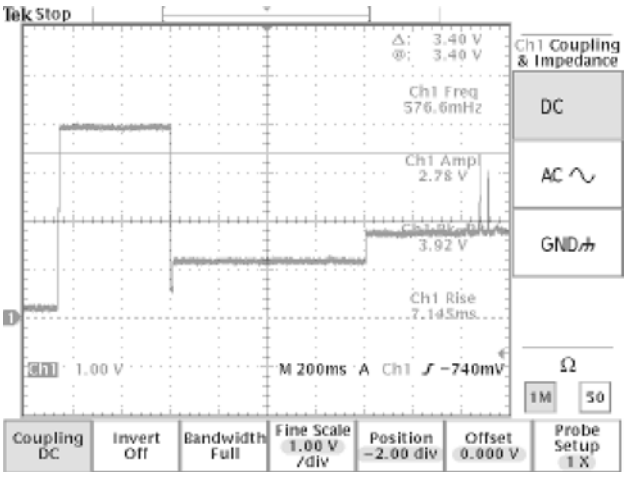
U8(AP431)

PIN NO.	DVD PB
1	2.491
2	0
3	6.667

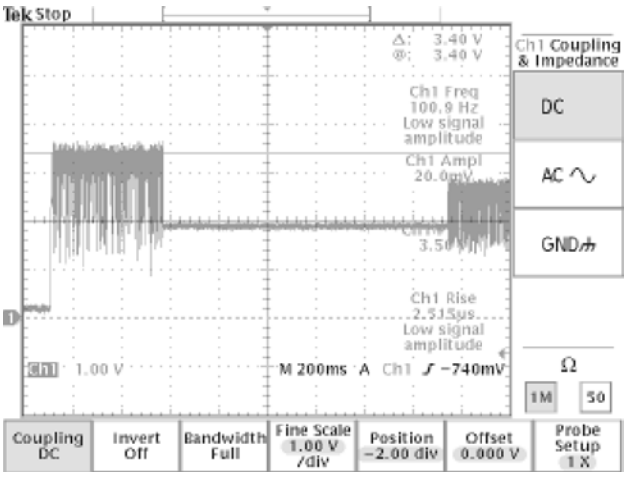
Notas: Dados em volts
PB = play back

5- FORMAS DE ONDA

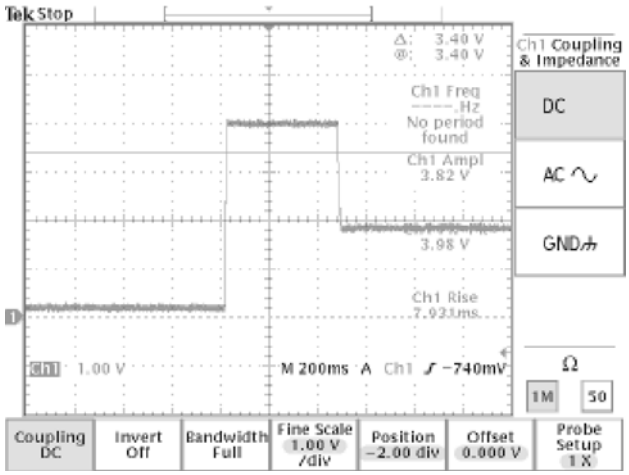
IC,F1(Pin38/U4)ZR36707



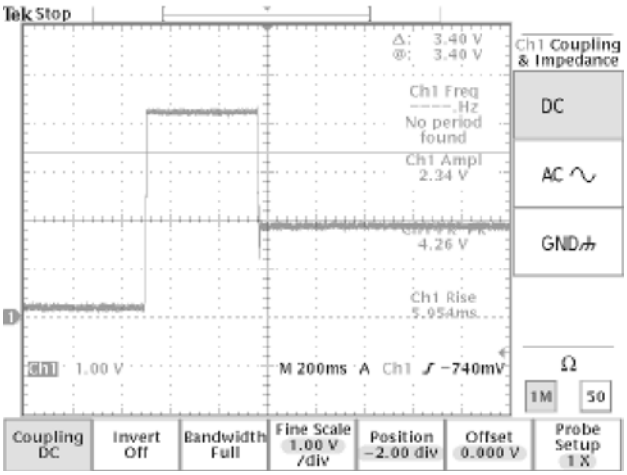
IC,F2(Pin39/U4)ZR36707



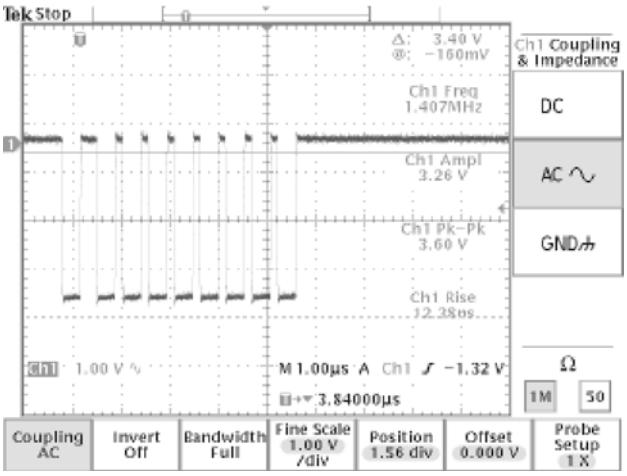
IC,F3(Pin40/U4)ZR36707



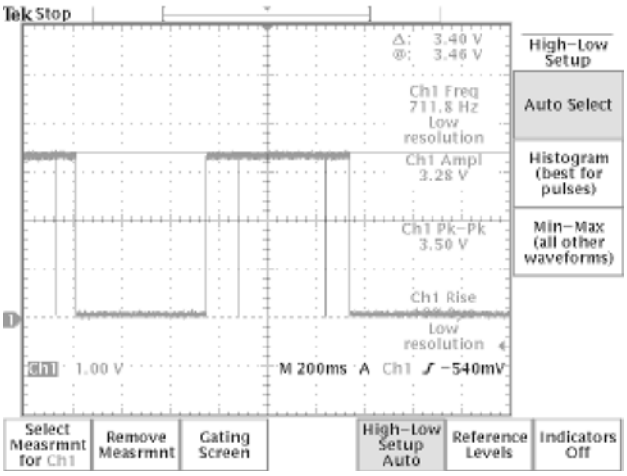
IC,F4(Pin41/U4)ZR36707



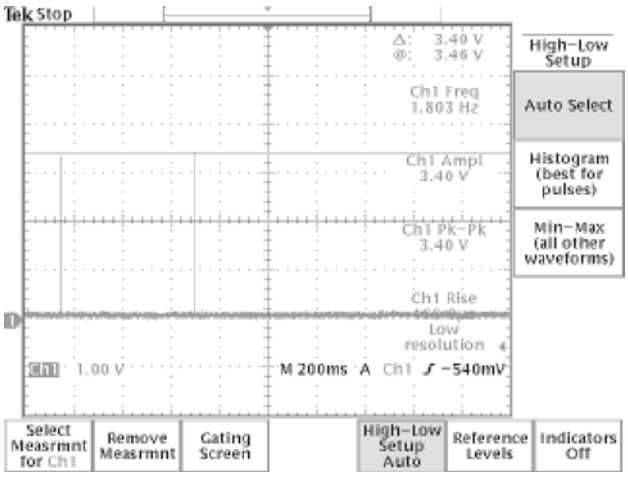
IC,F5(Pin46/U4)ZR36707



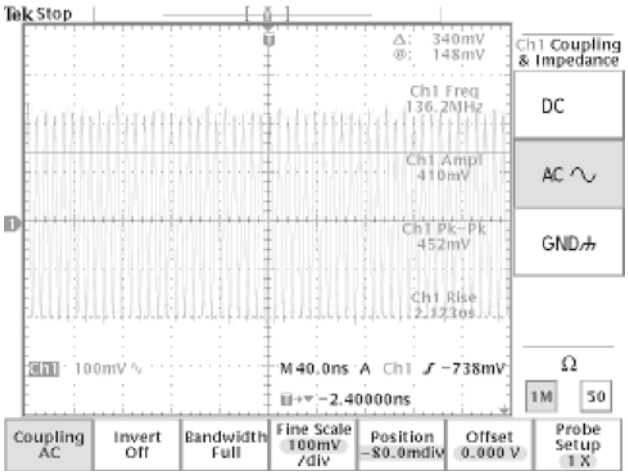
IC,F6(Pin47/U4)ZR36707



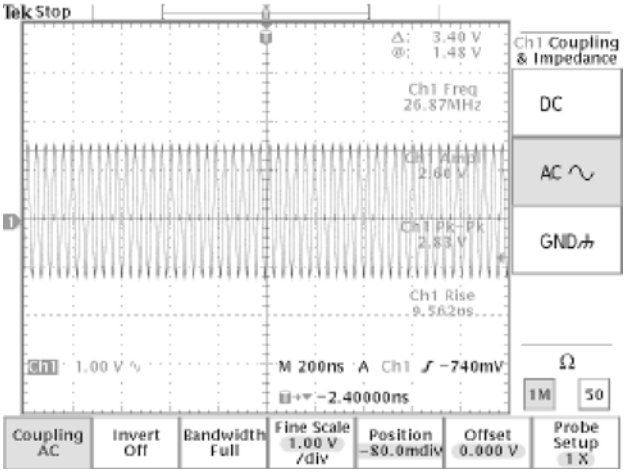
IC,F7(Pin48/U4)ZR36707



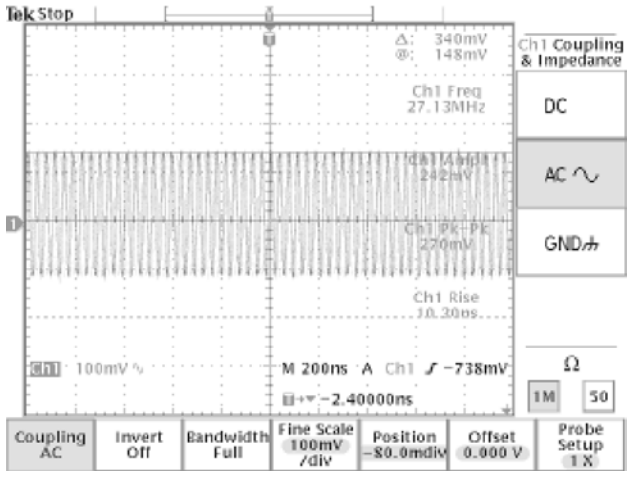
IC,F8(Pin80/U15)ZR36762/68



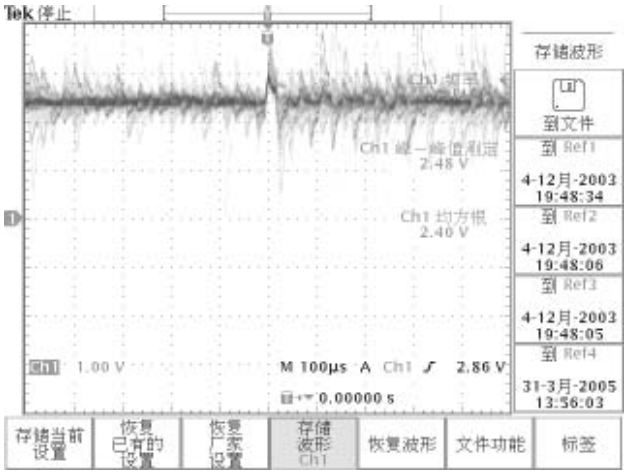
IC,F9(Pin141/U15)ZR36762/68



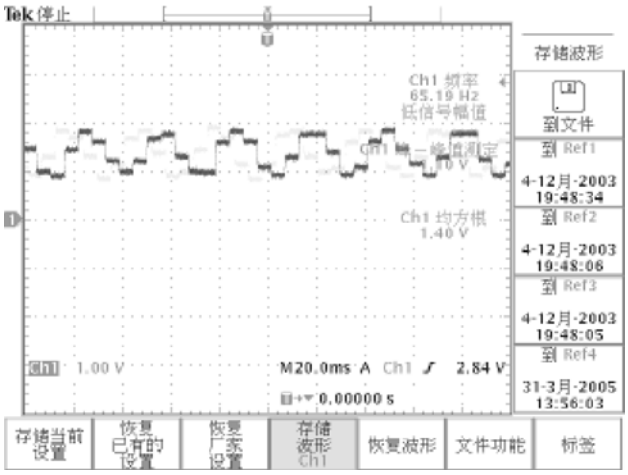
IC,F10(Pin142~143/U15)ZR36762/68



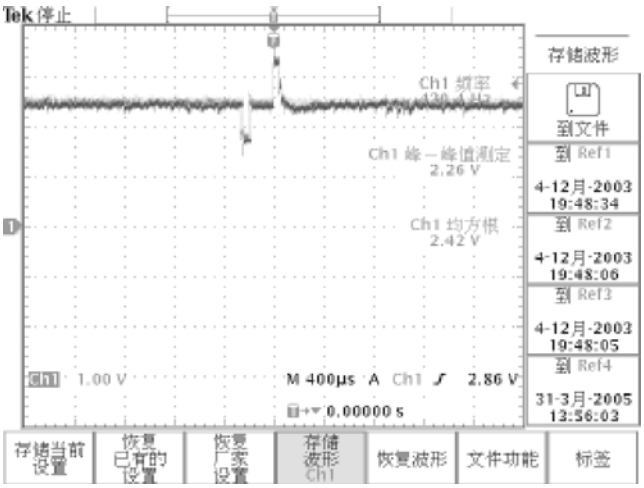
IC,F11(Pin14/U26)BA5888FP



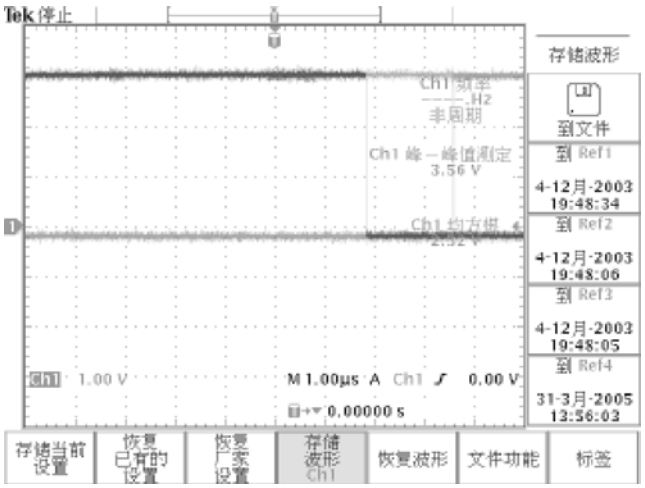
IC,F12(Pin15/U26)BA5888FP



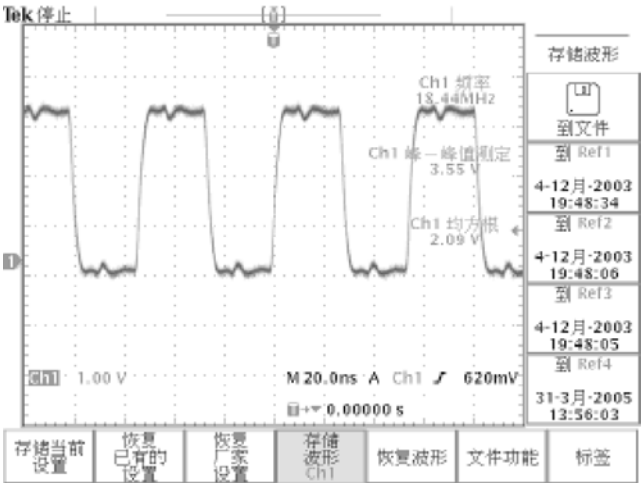
IC,F13(Pin18/U26)BA5888FP



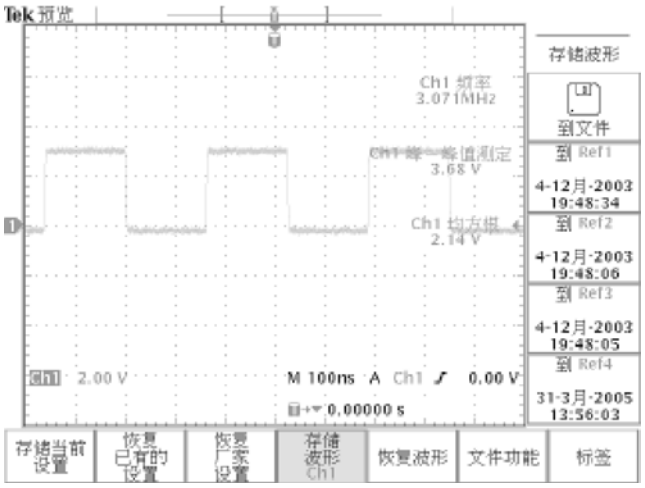
IC,F14(Pin2/U108)CS4345



IC,F15(Pin3/U108)CS4345

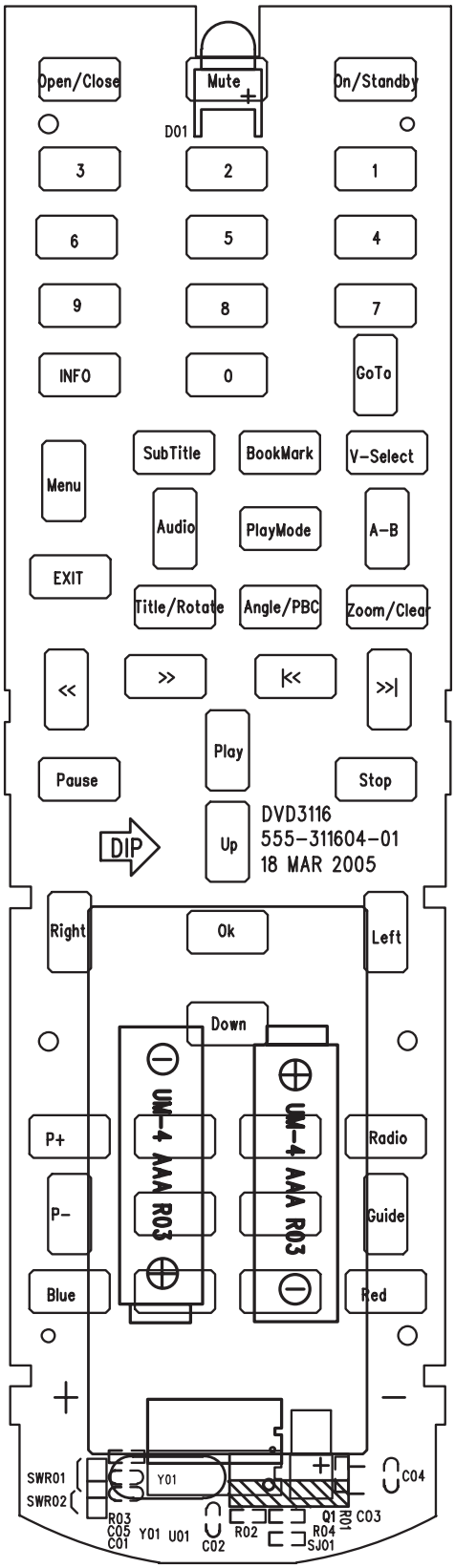


IC,F16(Pin4/U108)CS4345



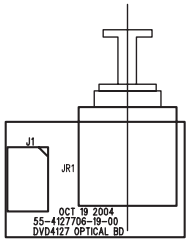
6- LAY-OUT DAS PLACAS DE CIRCUITO IMPRESSO

Placa de circuito impresso do controle remoto

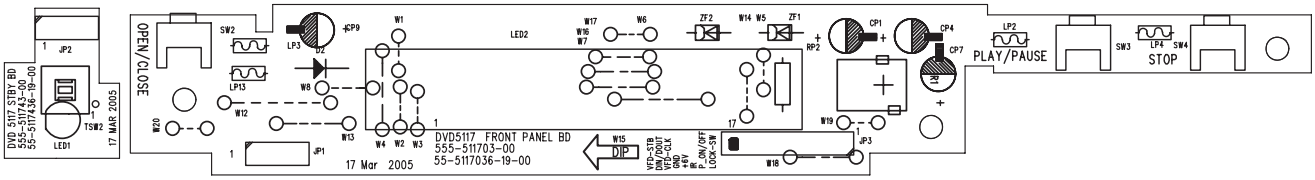


Placa de circuito impresso do painel frontal e tomada óptica

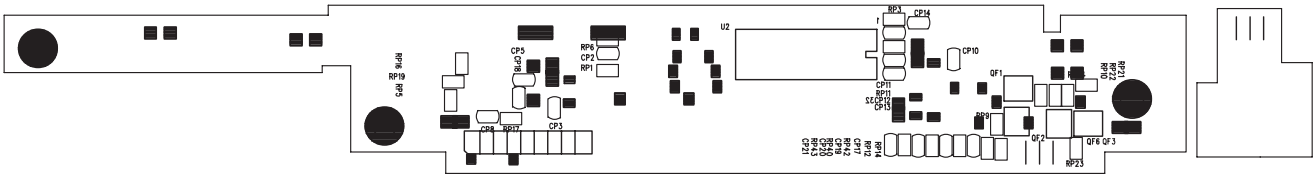
tomada óptica



Painel frontal

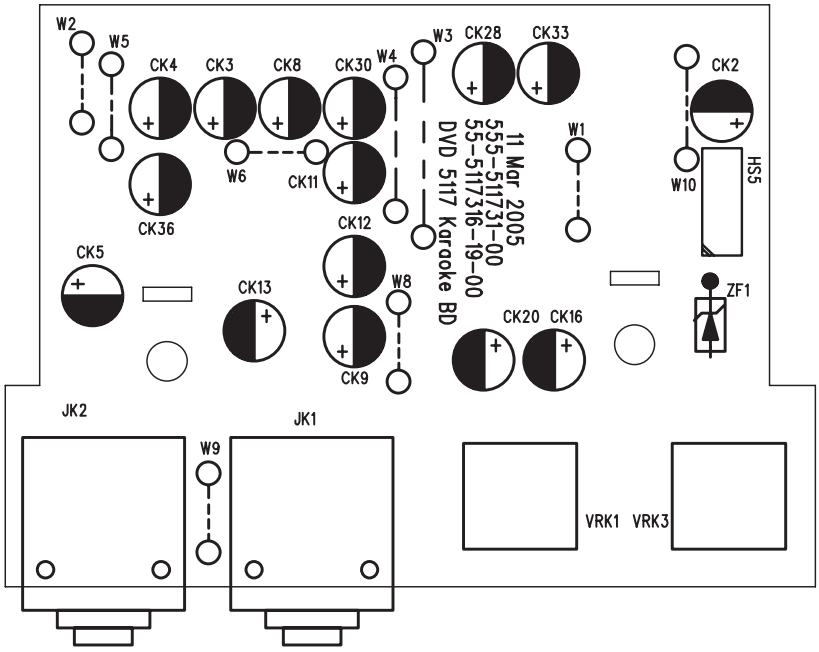


Lado superior

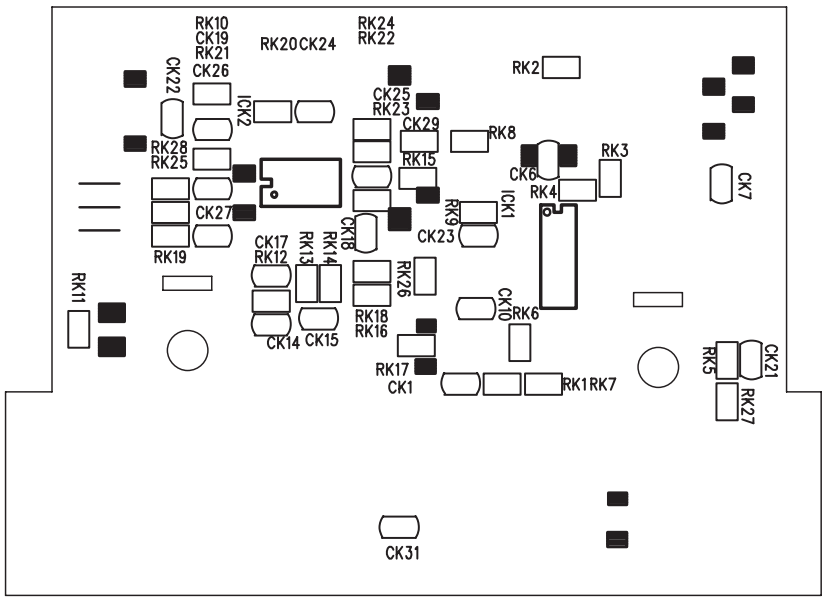


Lado inferior

Placa de circuito impresso Karaokê

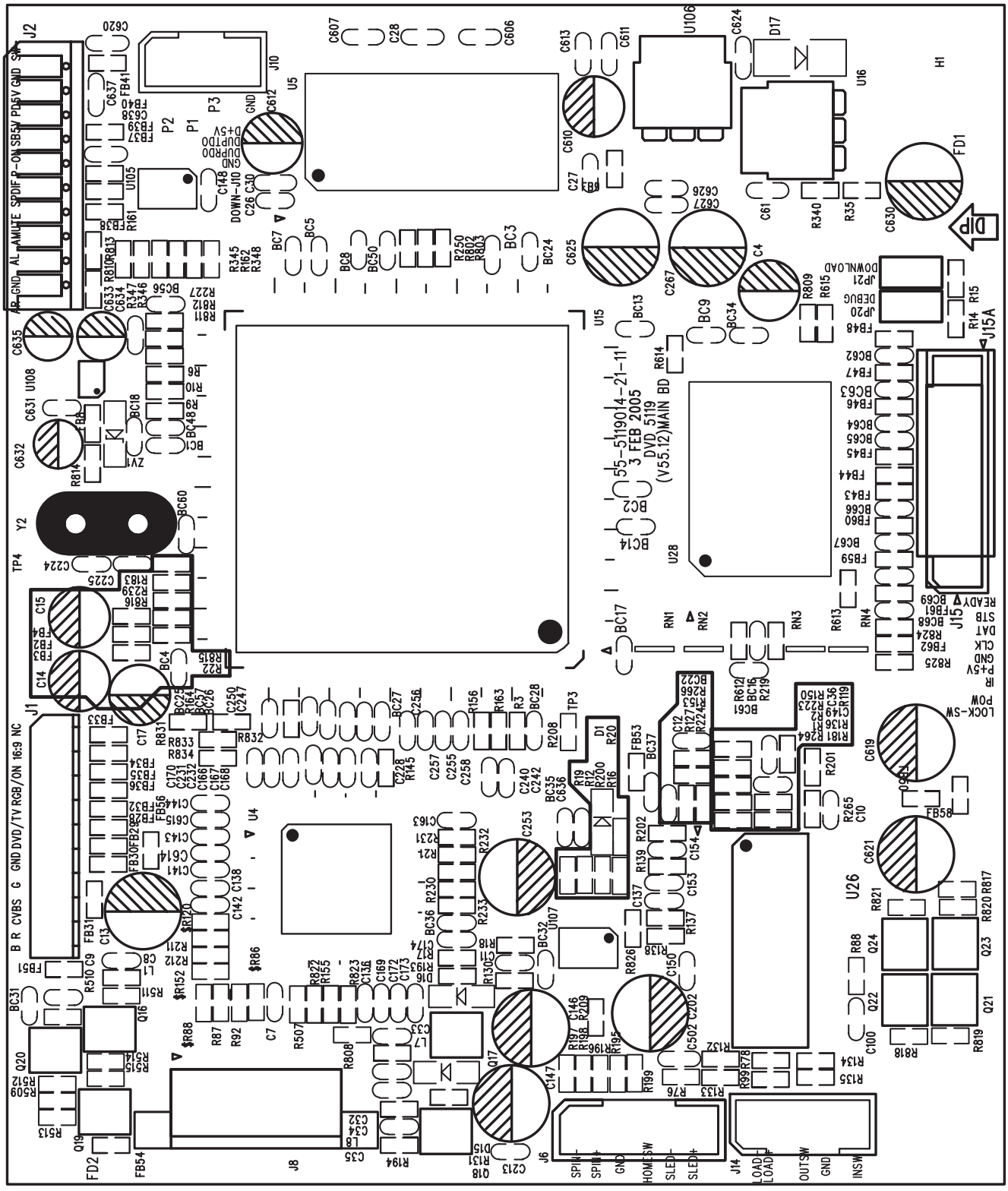


Lado superior

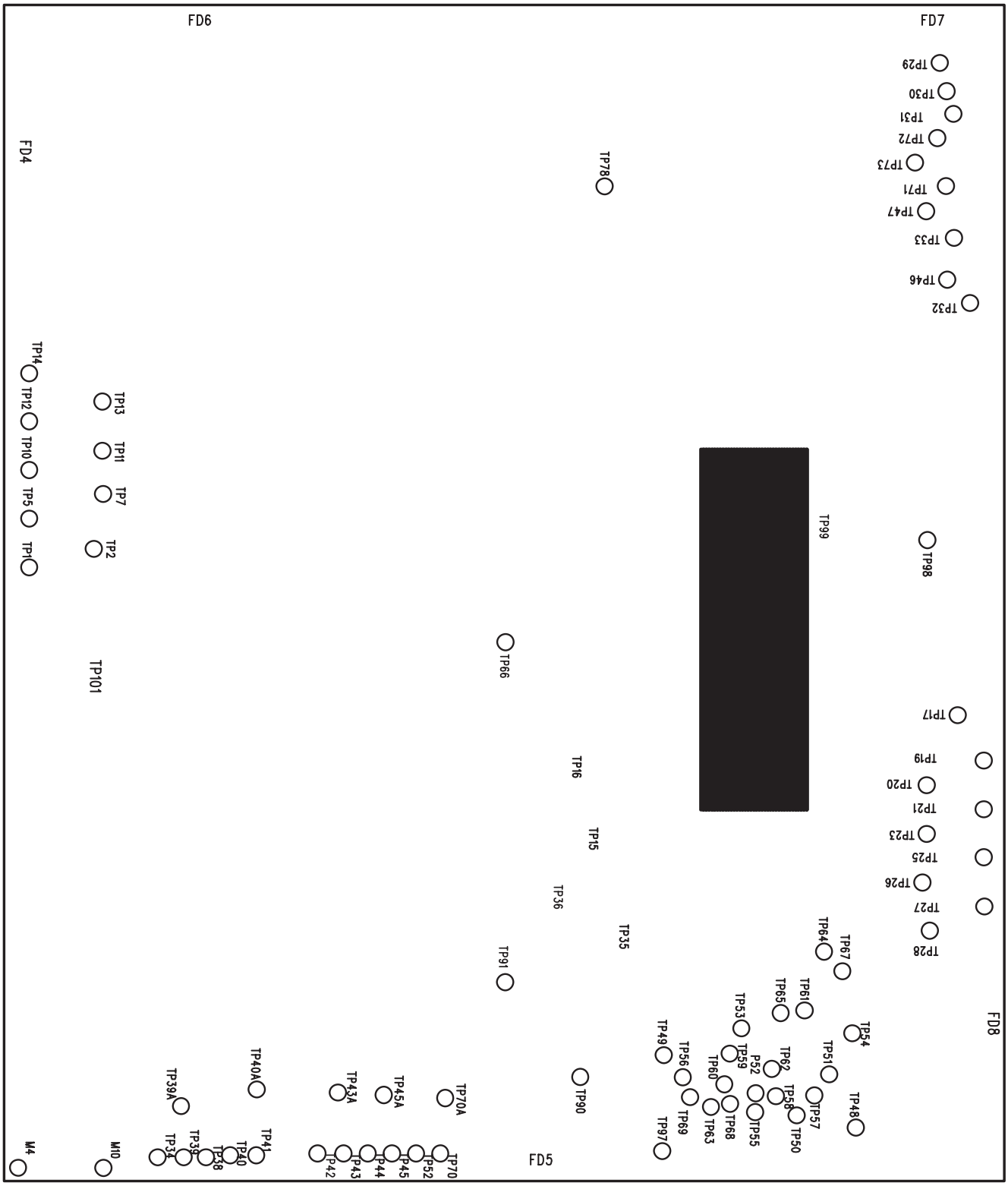


Lado inferior

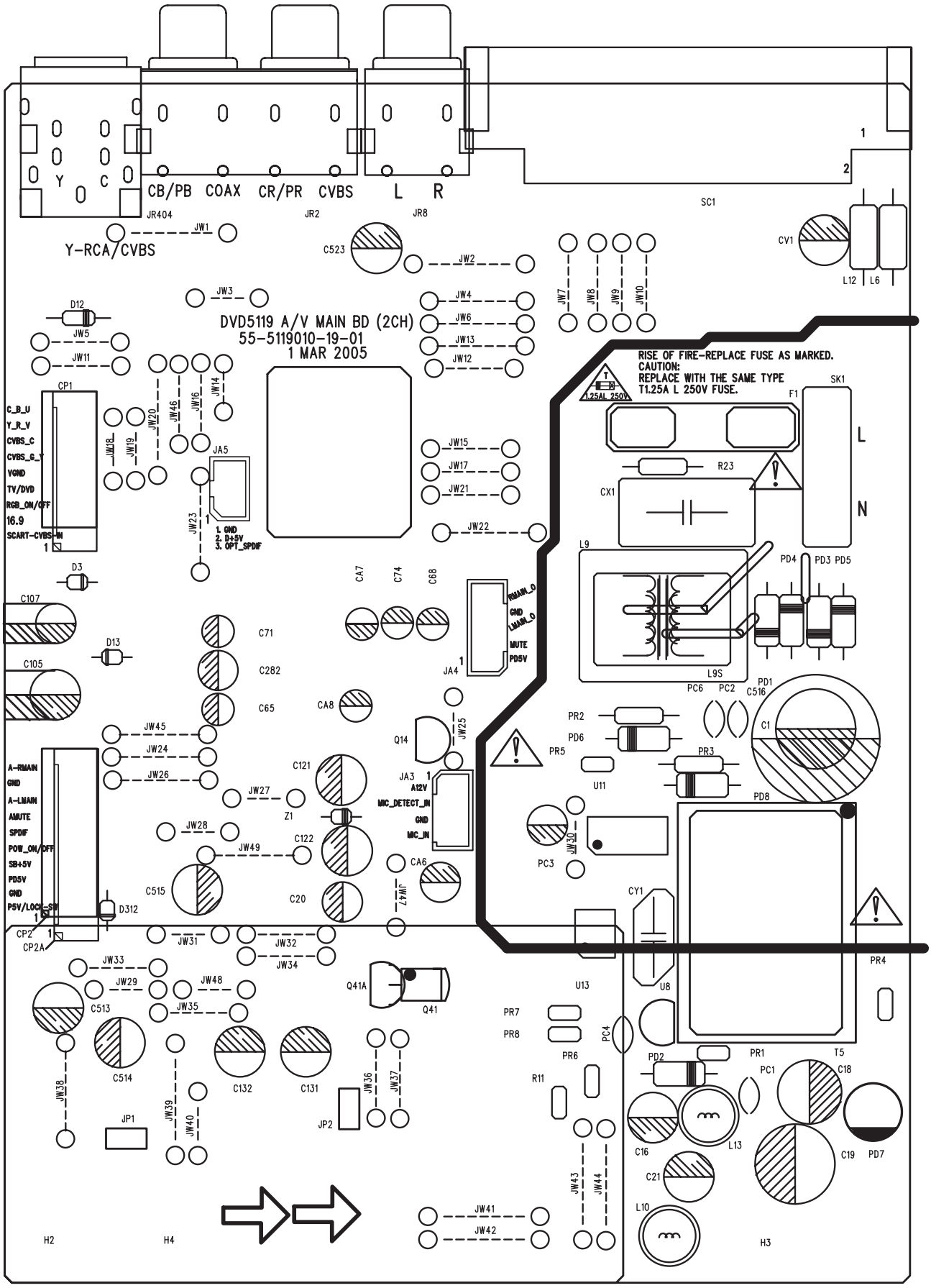
Placa de circuito impresso principal - Lado superior



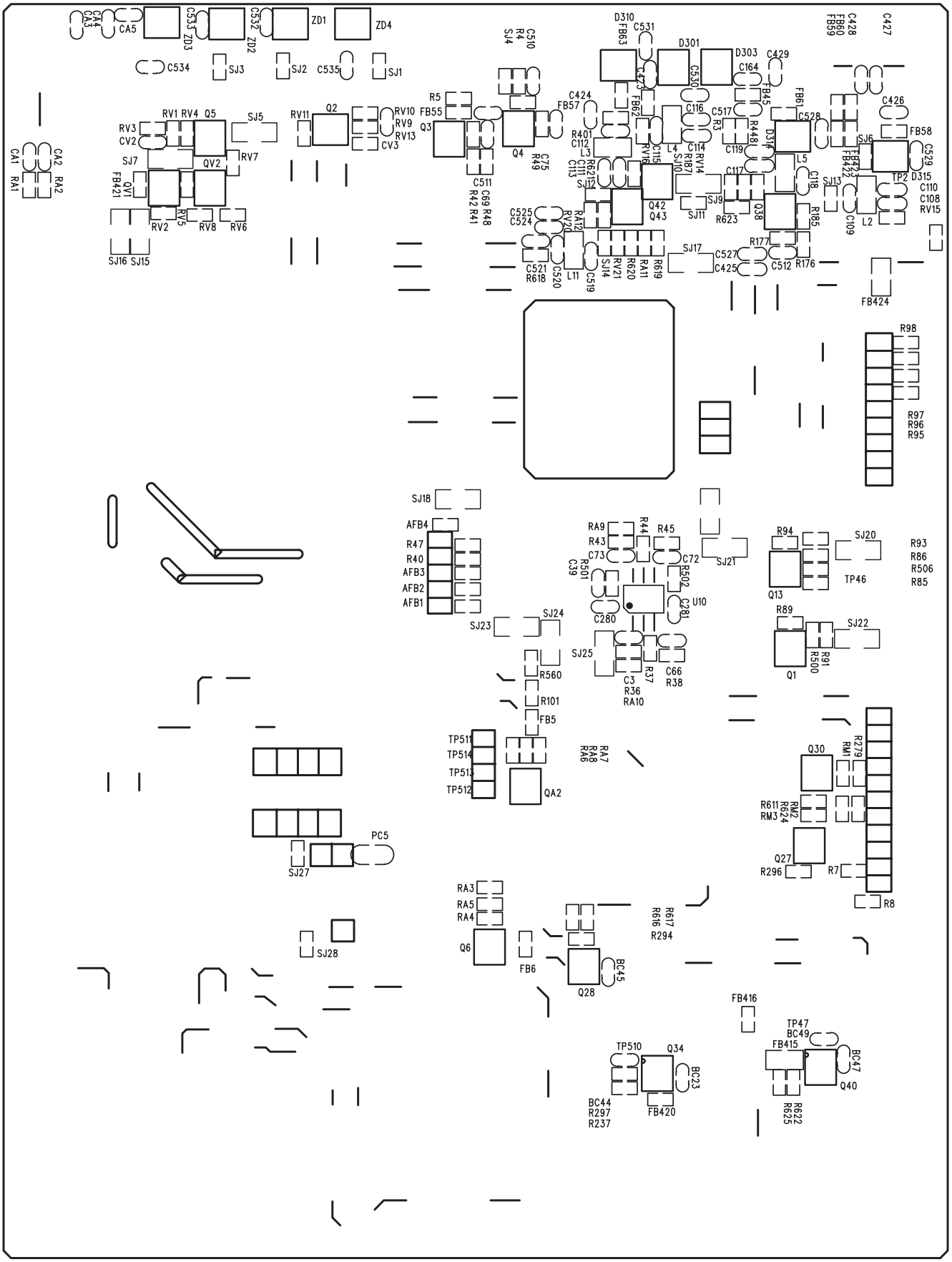
Placa de circuito impresso principal - Lado inferior



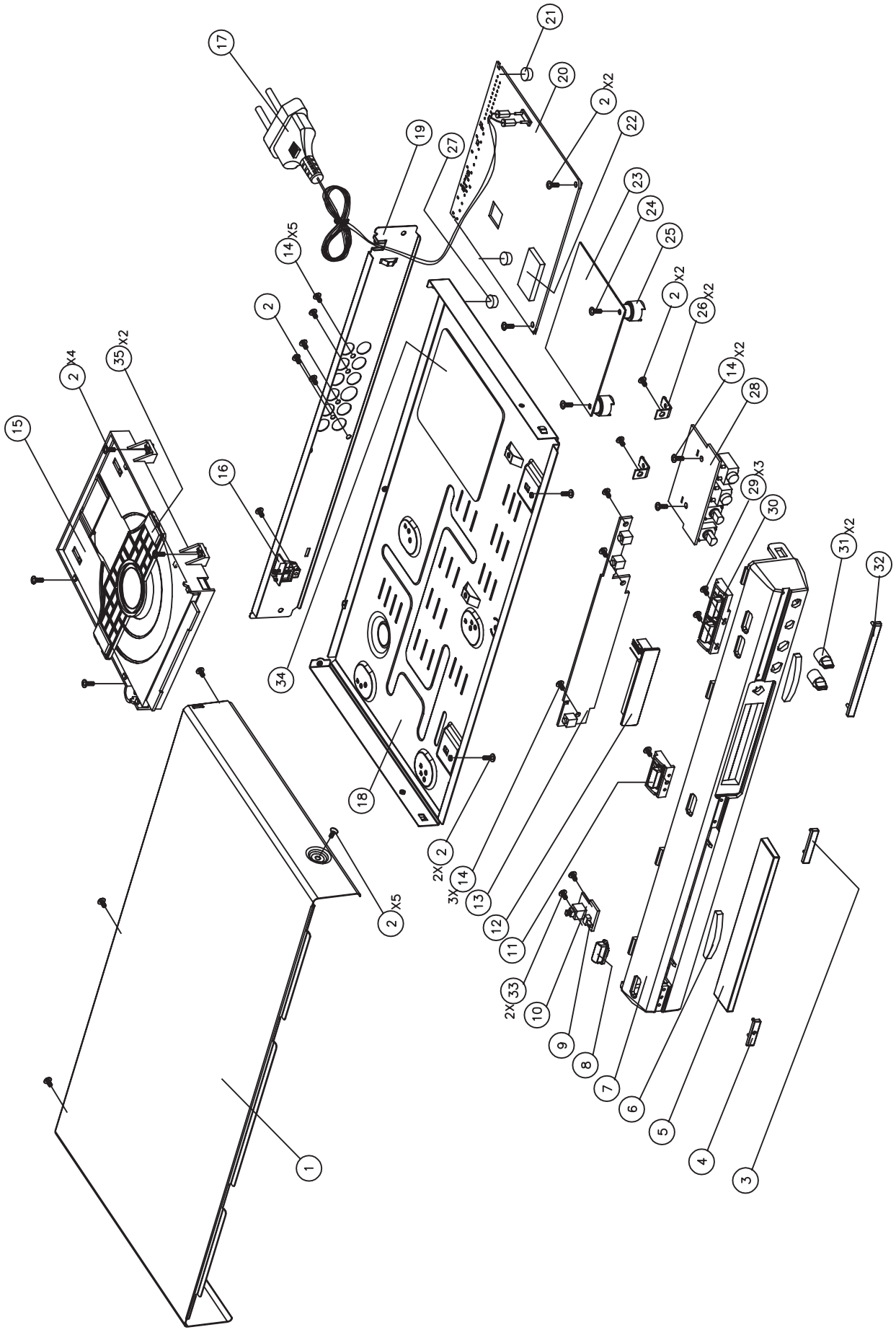
Placa de circuito impresso Fonte/AV - Lado superior



Placa de circuito impresso Fonte/AV - Lado inferior



7- VISTA EXPLODIDA



8- LISTA DE COMPONENTES

8.1 - Mecânicos

Posição	N.E.	Descrição
1	128298	TAMPA METÁLICA SD6072
3	129536	ORNAMENTO B PNL SD6081
4	129523	ORNAMENTO A PNL SD6081
5	129643	PORTA DVD SD6081
6	128109	PE DE BORRACHA PAINEL SD6072
7	129554	PAINEL FRONTAL SD6081
8	129701	TECLA POWER SD6081
10	129612	PCI TECLA POWER SD6081 MONT
11	129689	TECLA FUNÇÕES A SD6081
12	129514	LENTE VISOR SD6081
13	129590	PCI PAINEL FRONTAL SD6081 MONT
15	127455	MECANISMO CDW-1000-N-T51
16	129621	PCI TOMADA ÓTICA SD6081 MONT
19	129569	PAINEL TRASEIRO SD6081
20	129572	PCI FONTE/AV SD6081 MONT
21	128114	PÉ DE BORRACHA PCI AV SD6072
23	129607	PCI PRINCIPAL SD6081 MONT
25	127936	ESPAÇADOR PCI PRINC SD6072
26	129652	PRESILHA PAINEL SD6081
27	129634	PE DE BORRACHA TRAS SD6081
28	129587	PCI KARAOKÊ SD6081 MONT
30	129694	TECLA FUNÇÕES B SD6081
31	129284	BOTÃO VOLUME SD6081
32	129541	ORNAMENTO C PNL SD6081
-	127491	CALÇO POLPA ESQ SD6072
-	127482	CALÇO POLPA DIR SD6072
-	118539	MANUAL INSTRUÇÃO SD6081VK
-	129293	CAIXA EMBALAGEM SD6081
-	127805	CONTROLE REMOTO SD6072 MONT

8.2 - Eletro-eletrônicos

PCI TOMADA OPTICA

Posição	NE	Descrição
J1	129411	CONECTOR CJ 3 VIAS
J1	129420	CONECTOR CJ 3 VIAS (alternativo)
JR1	129723	TOMADA ÓTICA MOF-T3C2

PCI PAINEL FRONTAL

Posição	NE	Descrição
CP1	127507	CAP ELCO 101 M 16V 85G RG025
CP4	127507	CAP ELCO 101 M 16V 85G RG025
CP7	127507	CAP ELCO 101 M 16V 85G RG025
CP9	127507	CAP ELCO 101 M 16V 85G RG025
LP13	129266	BOBINA CHOQ EC24-100K
LP2	129279	BOBINA CHOQ EC24-470K
LP3	129279	BOBINA CHOQ EC24-470K
LP4	129279	BOBINA CHOQ EC24-470K
SW2	127583	CHAVE TACT TSC-O63803A-150
SW3	127583	CHAVE TACT TSC-O63803A-150
SW4	127583	CHAVE TACT TSC-O63803A-150
JP1	129444	CONECTOR CJ 4 VIAS
JP2	129444	CONECTOR CJ 4 VIAS
JP3	129462	CONECTOR CJ 9 VIAS
D2	129480	DIODO RET 1N4001 DO41
ZF2	127903	DIODO ZEN BZX55 3.3V DO35 (opcional)
ZF1	127912	DIODO ZEN BZX55 5.1V DO35
IR1	129670	SENSOR RECEP MIM-5383S3F
LED2	129505	DISPLAY ZDP-11662G02
U2	129395	CIRC INT PT6961 SMD

PCI PAINEL FRONTAL SMD

Posição	NE	Descrição
QF2	128430	TRANS T3904 SOT23 SMD
QF6	128430	TRANS T3904 SOT23 SMD
QF3	128430	TRANS T3904 SOT23 SMD
QF1	128403	TRANS 8550-C(HY2C) SOT23 SMD
QF5	128449	TRANS T3906 SOT23 SMD (opcional)

PCI TECLA POWER

Posição	NE	Descrição
TSW2	127574	CHAVE PRESSÃO PSA-22D01L-O
LED1	129471	DIODO LED 2R4HW-2

PCI PRINCIPAL

Posição	NE	Descrição
J14	127752	CONECTOR CJ 5 VIAS
J14	129453	CONECTOR CJ 5 VIAS (alternativo)
J6	127770	CONECTOR CJ 6 VIAS
J1	127794	CONECTOR CJ 9 VIAS
J2	127749	CONECTOR CJ 10 VIAS
Y2	127814	CRISTAL 27MHZ HC-49S
D1	127896	DIODO SIN LL4148 SOD80 SMD
D15	127896	DIODO SIN LL4148 SOD80 SMD
D16	127896	DIODO SIN LL4148 SOD80 SMD

PCI PRINCIPAL (continuação)

Posição	NE	Descrição
D17	127869	DIODO SCH SS16 DO214 SMD
ZV1	127921	DIODO ZEN ZMM51 5.1V SOD80 SMD
Q23	128392	TRANS 8050-C SOT23 SMD
Q24	128392	TRANS 8050-C SOT23 SMD
Q16	128430	TRANS T3904 SOT23 SMD
Q19	128430	TRANS T3904 SOT23 SMD
Q20	128430	TRANS T3904 SOT23 SMD
Q21	128403	TRANS 8550-C(HY2C) SOT23 SMD
Q22	128403	TRANS 8550-C(HY2C) SOT23 SMD
Q17	128421	TRANS T2907A SOT23 SMD
Q18	128421	TRANS T2907A SOT23 SMD
U5	127641	CIRC INT EM636165TS-7 TSOPII
U16	127605	CIRC INT AP1117EA SOT223
U106	127592	CIRC INT AME1117CCGT SOT223
U28	127669	CIRC INT MX29LV800BB TSOP
U107	127716	CIRC INT TL3472CD SIOC(D)
U4	127725	CIRC INT ZR36707TQCG TQFP
U15	129408	CIRC INT ZR36762PQC PQFP (alternativo)
U15	127730	CIRC INT ZR36762PQC PQFP
U108	127636	CIRC INT CS4345-CZZ TSSOP
U26	127623	CIRC INT BA5888FP SMD

PCI KARAOKE

Posição	NE	Descrição
VRK1	129368	CAP TRIMMER FA075B060
VRK3	129368	CAP TRIMMER FA075B060
JK1	129714	TOMADA FONE CKX-35-33(7P)
JK2	129714	TOMADA FONE CKX-35-33(7P)
HS5	129435	CONECTOR CJ 4 VIAS
ZF1	129499	DIODO ZEN BZX55 5.6V DO35
ICK2	129386	CIRC INT BU9253FS SSOP-A16
ICK1	129373	CIRC INT BA7760F SOP SMD

PCI FONTE/AV

Posição	NE	Descrição
PC6	129304	CAP CERA 101 K 1KV RG050
PC1	129319	CAP CERA 102 K 500V RG050
PC4	129322	CAP CERA 104 Z 50V RG050
PC2	129337	CAP CERA 222 M 1KV RG050
CY1	129359	CAP CERA 222 M 50V RG100 (alternativo)
CY1	129340	CAP CERA 222 M 250V RG100
CX1	127561	CAP PMET 104 K 275V RG150
C516	127538	CAP ELCO 22R M 400V 85G RG050
C19	127510	CAP ELCO 102 M 10V 105G RG050
C16	127529	CAP ELCO 221 M 16V 85G RG050
C21	127529	CAP ELCO 221 M 16V 85G RG050
PC3	127556	CAP ELCO 47R M 50V 105G RG050
C18	127543	CAP ELCO 471 M 16V 105G RG050
L 10	127464	BOBINA CHOQ NC-F0183

PCI FONTE/AV (continuação)

Posição	NE	Descrição
L13	127464	BOBINA CHOQ NC-F0183
L9	128369	TRAFO F LINHA NC-F0011
T5	128350	TRAFO CONVERSOR PT0896NL
JR404	128341	TOMADA DASW-08
JR8	128323	TOMADA AV2-8.4-13T-3
JR2	128332	TOMADA AV4-8.4-13T-5
D3	127887	DIODO SIN IN4148 DO35
D13	127887	DIODO SIN IN4148 DO35
D312	127887	DIODO SIN IN4148 DO35
D301	127878	DIODO SIN BAV99 SOT23 SMD
D303	127878	DIODO SIN BAV99 SOT23 SMD
D310	127878	DIODO SIN BAV99 SOT23 SMD
D314	127878	DIODO SIN BAV99 SOT23 SMD
D315	127878	DIODO SIN BAV99 SOT23 SMD
PD1	127832	DIODO RET 1N4007 DO41
PD3	127832	DIODO RET 1N4007 DO41
PD4	127832	DIODO RET 1N4007 DO41
PD5	127832	DIODO RET 1N4007 DO41
PD6	127832	DIODO RET 1N4007 DO41
PD2	127841	DIODO RET FR103 DO41
PD8	127841	DIODO RET FR103 DO41
PD7	127850	DIODO SCH SR360 DO201 SMD
D12	127903	DIODO ZEN BZX55 3.3V DO35
U13	127672	CIRC INT PS2561-1-V DIP4
Q34	128412	TRANS AP2304N SOT23 SMD
Q40	128412	TRANS AP2304N SOT23 SMD
Q14	128387	TRANS 8050(3DA8050) TO92
Q3	128392	TRANS 8050-C SOT23 SMD
Q4	128392	TRANS 8050-C SOT23 SMD
Q38	128430	TRANS T3904 SOT23 SMD
Q27	128430	TRANS T3904 SOT23 SMD
QA2	128430	TRANS T3904 SOT23 SMD
Q28	128403	TRANS 8550-C(HY2C) SOT23 SMD
Q1	128449	TRANS T3906 SOT23 SMD
Q6	128449	TRANS T3906 SOT23 SMD
Q13	128449	TRANS T3906 SOT23 SMD
Q30	128449	TRANS T3906 SOT23 SMD
F1	127949	FUSI FILA T 1,25A 250V 5X20
PR5	128181	RES CARB 10R J 1/6W AT26
PR1	128216	RES CARB 22R J 1/6W AT26
PR7	129661	RES CARB 332 J 1/6W AT26
PR6	128243	RES META 362 F 1/8W AT26
U10	127707	CIRC INT RC4558D SOIC(D)
U11	127650	CIRC INT FSDL0165RN DIP8
U8	127614	CIRC INT AP431VA TO92

PCI CONTROLE REMOTO

Posição	NE	Descrição
Y01	128252	RESSONADOR CER ZTA4.00MG1

PCI CONTROLE REMOTO (continuação)

Posição	NE	Descrição
D01	128285	SENSOR TRANS GL561
Q1	128392	TRANS 8050-C SOT23 SMD
U01	127687	CIRC INT RC1420S SOP (alternativo)
U01	127690	CIRC INT RC1420S SOP
-	127981	MOLA CONTATO PILHAS POS (alternativo)
-	127994	MOLA CONTATO PILHAS POS
-	127967	MOLA CONTATO PILHAS NEG (alternativo)
-	127976	MOLA CONTATO PILHAS NEG
-	128001	MOLA CONTATO PILHAS POS/NEG (alternativo)
-	128010	MOLA CONTATO PILHAS POS/NEG

SEMP TOSHIBA

Administração Geral:
Av. João Dias, 2476 CEP 04724-003 - São Paulo - SP
PABX (0xx11) 5641-2100

NE 734398

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